



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

For the Reporting Period: March 16, 2013 to July 31, 2014

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

Due Date: November 1, 2014

### GENERAL INFORMATION

Permittee Name:	<b>West Manchester Township</b>	NPDES Permit No.:	<b>PAPAG133655</b>
Mailing Address:	<b>380 East Berlin Road</b>	Effective Date:	<b>August 1, 2013</b>
City, State, Zip:	<b>York, PA 17404</b>	Expiration Date:	<b>July 31, 2018</b>
MS4 Contact Person:	<b>Zane Williams</b>	Renewal Due Date:	<b>January 31, 2018</b>
Title:	<b>SW Inspector/MS4 Coordinator</b>	Admin. Extended?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone:	<b>717-792-3505</b>	Municipality:	<b>West Manchester Township</b>
Email:	<b>zwilliams@westmanchestertownship.com</b>	County:	<b>York County</b>
Co-Permittees (if applicable): <b>N/A</b>			

### 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?
Codorus Creek	WWF	Yes	See Attached	N/A	N/A
Willis Run	WWF	Yes	See Attached	N/A	N/A
Little Conewago Creek	TSF	Yes	See Attached	N/A	N/A
Honey Run	TSF	Yes	See Attached	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**

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

## GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

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

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

MCM	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	Lori Trimmer	717-792-3505
#2 Public Involvement/Participation	Lori Trimmer	717-792-3505
#3 Illicit Discharge Detection and Elimination (IDD&E)	Zane Williams	717-792-3505
#4 Construction Site Storm Water Runoff Control	Zane Williams	717-792-3505
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Zane Williams	717-792-3505
#6 Pollution Prevention / Good Housekeeping	Steve Callahan	717-792-3505

### 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: **Included with Annual Report submitted on 06/13/14 and included under Attachment MCM #1 with this submission.**

3. Date of last evaluation of or revision to the PEOP: **03/17/14**

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

**Refer to the Attachment MCM #1 and the PEOP for the plans and goals for reporting period 2013 - 2014**

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

Explain the rationale for your answer:

**The MCM #1 goals of implementing & maintaining the PEOP were achieved by maintenance & review of target audience list; publishing 4 newsletters which included SWM information; providing SWM information on the Township's website; presenting 3 SWM workshops in cooperation w/adjacent municipalities; & distributing SWM information by providing displays & pamphlets in the lobby of the township offices. Refer to Attachment MCM #1 for additional detail.**

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

**Continue to implement PEOP by providing the same or similar education & outreach opportunities and activities carried out during the current reporting period. Plans and goals for the upcoming year are provided in Attachment MCM #1.**

#### **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: **Included with this submission (refer to Attachment MCM #1).**
3. Date of last review or revision to target audience list(s): **07/31/14**

**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: **Included with this submission (refer to Attachment MCM #1 - Public Education & Outreach for detail).**
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?  
**Published four times during reporting period. Refer to Attachment MCM #1 which includes the requested detail.**
4. Do you have a municipal website? ☒ Yes ☐ No (URL: **www.westmanchestertownship.com**)  
If Yes, what MS4-related material does it contain?  
**Refer to Attachment MCM #1 which includes MS4 related website content.**
5. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:  
**4 Township Newsletters; Posters & Pamphlets are prominently displayed in Township office lobby. 3 workshops were presented in cooperation with 2 adjacent municipalities, Dover, and Manchester Townships (refer to Attachment MCM #1 for detail). Stormwater is an agenda item at every Board of Supervisors' (BOS) meeting (refer to meeting minutes included in Attachment MCM #2).**
6. Date of most recent review and/or update to published stormwater educational materials: **.03/17/14**
7. Identify specific plans for the publication of stormwater materials for the upcoming year:  
**Plan to continue to distribute public education materials in the same manner as reflected in the attached PEOP - Attachment MCM #1; including Township newsletters, display of posters & pamphlets in Township lobby; offering workshops; and including stormwater as an agenda item at each BOS meeting.**

**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).

**4 Township Newsletters; Posters & Pamphlets are prominently displayed in township office lobby. 3 workshops were presented in cooperation with 2 adjacent municipalities, Dover, and Manchester Townships (refer to Attachment MCM #1 for detail). Stormwater is an agenda item at every Board of Supervisors' (BOS) meeting (refer to meeting minutes included in Attachment MCM #2).**

## 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: **Included with this submission (refer to Attachment MCM #2 - Public Involvement/Participation for detail).**

3. Date of last review and/or update to the PIPP: **03/17/14**

4. Explain how your PIPP addresses items a, b and c of the Measurable Goal:  
**Township participated in presenting 3 public workshops. Township solicits, informs & educates public by various means including: maintaining an MOU with WAY; providing SWM information & links on its website; displaying & distributing SWM information in its offices; and by staff attendance at various SWM related workshops & seminars. The MS4 Annual Report is available on the Township's website. Stormwater Management/MS4 is an agenda item & discussed at every Board of Supervisor meeting throughout the year. Township is participating in development of the York County CBPRP. Refer to MCM #2 in the Attachments for additional detail.**

### 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
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

**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): **Stormwater is an agenda item at every Board of Supervisor meeting (refer to meeting minutes in Attachment - MCM #2).**
2. How were meeting(s) advertised to the public? **Website and newsletters.**
3. Indicate where the meeting(s) were held and the number of attendees:  
**Township office - public attendees vary.**
4. What types of MS4-related activities did you solicit public involvement and participation for?  
**Public involvement & participation was solicited by advertising & offering 3 workshops during the reporting period (refer to Attachment - MCM #2 - Public Involvement/Participation for detail).**
5. What MS4-related activities did the public participate in?  
**Public participated in the workshops offered (refer to Attachment - MCM #2 - Public Involvement/Participation for detail).**

### **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: **Included with this submission (refer to Attachment MCM #3 - Illicit Discharge Detection & Elimination for detail).**
3. Date of last review and/or update to IDD&E program: **03/17/14**

**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): **September 2012 - Latest revised map included with current submission.**
4. Total number of discharge points in your storm sewer system that:  
Discharge directly to surface waters (outfalls): **120**  
Discharge to storm sewers owned by others:
5. Total number of outfalls that are mapped at this time: **120**

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

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

1. Have you completed a map(s) that includes roads, inlets, piping, swales, catch basins, channels, basins, municipal boundaries and watershed boundaries? ☒ Yes ☐ No
2. If Yes, is the map(s) on the same map(s) as for outfalls and receiving waters? ☒ Yes ☐ No
3. For new permittees only, attach the completed map to the 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: **Latest revised map included with current submission.**
5. Date of last update or revision to map: **09/2012**

**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: **14%**  
  
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: **0%**
4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? ☐ Yes ☒ No
5. If Yes for #4, attach all sample results to this report with a map identifying the sample location. Explain the corrective action(s) taken in the attachment.
6. Do you use the "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: **April 26, 2012**
2. For new permittees only, attach an ordinance (or SOP) and letter from an official, engineer or solicitor that prohibits non-stormwater discharges to the first report submitted to DEP.
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:  
Refer to Attachment MCM #3 - Illicit Discharge Detection & Elimination for Illicit Discharge Field Screening Forms.

**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? **Detailed information distributed in the Township Spring/Summer 2013 Newsletter & on the Township's website (refer to Attachment MCM #1 - Public Education & Outreach for detail).**

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: **April 26, 2012**  
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:

No new ordinances were enacted or updated during the reporting period.

**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: **A written inspection program is under development.**

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's Stormwater Management Ordinance requires submission of an as-built plan upon completion of construction. Ordinance includes requirement for professional to certify that stormwater management facilities were constructed in accordance with the approved plan. The Ordinance also provides for inspections by the Township during construction. Finally, the Ordinance requires that an O&M Agreement be signed and recorded for to ensure long term operation and maintenance of stormwater management facilities.**

4. Date that inspection program was last reviewed or updated: **N/A**

5. Total number of sites with PCSM BMPs installed as of the date of this report: **47**

6. Total number of sites inspected during this reporting period: **93 New & 27 Follow Up**

- |   |
|---|
| 7. Number of sites found to have PCSM BMP deficiencies: <b>1</b>              |
| 8. Number of enforcement actions taken during this reporting period: <b>0</b> |

## 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? **06/2013**
3. When was it last updated? **06/2013**
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: **Included with this submission (refer to Attachment - MCM #6 Pollution Prevention/Good Housekeeping for detail).**
3. Date of last review or update to O&M program: **03/17/14**

**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: **N/A**
3. Date of last review or update to training program: **Written program being drafted.**
4. Identify the date(s) of employee training, the names of attendees, the topics covered, and the training presenters:  
**10/02/13 - Z. Williams, J. Sutton, J. Emenheiser, A. Scott - Stormwater Facility O&M/A1 - Understanding stormwater runoff; O&M of BMPs in carbonate geology - PennDOT. In addition, each employee of the public Works Department is required to read and sign off on the Township's Pollution Prevention/Good Housekeeping for Municipal Operations Manual (refer to Attachment MCM #6 - Pollution Prevention/Good Housekeeping for detail).**

### BEST MANAGEMENT PRACTICES (BMPs)

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

**The Township believes the BMPs that have been established in its Stormwater Management Program meet the requirements of its MS4 Permit and are appropriate and effective for reducing the discharge of pollutants to receiving waterways. The Township will continue to regularly review its MCMs and update each as opportunities for improvement are identified. The Township will continue to implement the MCM BMPs identified in the current Stormwater Management Plan. In addition to administering various facets of the program, the Township continues to build the stormwater management facility/asset database which will facilitate future asset operation & maintenance. The Township is planning to revise its Pollution Prevention/Good Housekeeping Plan to include targets for annual inlet & stormwater collection system inspections & maintenance. Township also continues to actively participate in the York County Regional Chesapeake Pollution Reduction Plan.**

MS4 TMDL Plan	Chesapeake Bay Pollutant Reduction Plan (CBPRP)
Is the permittee required to develop an MS4 TMDL Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is the permittee required to develop a CBPRP? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What is the status of the TMDL Design Details (if applicable)? <input type="checkbox"/> Under Development (Due Date:        ) <input type="checkbox"/> Submitted to DEP (Submission Date:        ) <input type="checkbox"/> Approved by DEP (Approval Date:        )	What is the status of the CBPRP (if applicable)? <input checked="" type="checkbox"/> Under Development (Due Date: <b>08/2014</b> ) <input type="checkbox"/> Submitted to DEP (Submission Date:        ) <input type="checkbox"/> Approved by DEP (Approval Date:        )

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

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

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## 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.

**West Manchester Township's Stormwater Management Program includes the required six Minimum Control Measures (MCMs). These measures are expected to result in significant reductions of pollutants discharged into receiving waterbodies. The individual MCM programs are reviewed regularly to identify areas for improvement and revised as appropriate. The Township created and filled a position for a dedicated stormwater professional (Stormwater Inspector/MS4 Coordinator) to oversee the various aspects of the Township's Stormwater Management Program. The Township recently purchased an asset management software package with GIS capabilities and is in the process of building a database of stormwater management facilities and assets located throughout the Township. The Township is also participating in the York County's Regional Chesapeake Bay Pollution Reduction Plan which will include a schedule of BMPs that the Township can implement in partnership with other municipalities through cost-sharing measures. This regional plan will allow limited dollars to be pooled and used to implement BMPs which will result in reducing greater amounts of pollutants entering regional waterways. The actions described above demonstrate the Township's progress towards achieving reductions in the discharge of pollutants to the MEP.**

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

**The Township will continue to carry out the MCM BMPs identified in its current Stormwater Management Plan. In addition to administering the various facets of the program, the Township will continue to build the stormwater management facility/asset database. This database will facilitate future asset operation and maintenance. The Township is planning to revise its Pollution Prevention/Good Housekeeping for Municipal Operation to include targets for annual inlet and stormwater collection system inspections and maintenance. The Township will also continue to actively participate in the York County Regional Chesapeake Pollution Reduction Plan.**

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

**The Township relies on PA's statewide program for stormwater associated with construction activities to satisfy MCM #4 – Construction Site Storm Water Runoff Control.**

**The Township relies on PA's statewide program for stormwater associated with construction activities to satisfy BMP #'s 1 – 3 for MCM #5 – Post-Construction Storm Water Management in New Development and Redevelopment.**

**The Township is participating in the York County Regional Chesapeake Bay Pollution Reduction Plan.**

**The Township has an MOU with the Watershed Alliance of York (WAY) which provides assistance with MCMs.**

### 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).

Zane Williams - MS4 Coordinator

Name of Responsible Official

717-792-3505

Telephone No.

Signature

2/24/15

Date



**MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)**

**ANNUAL/PROGRESS REPORT ATTACHMENTS**

**Reporting Period: March 10, 2013 to July 31, 2014**

**Permittee: West Manchester Township, York County, PA**

**NPDES Permit No.: PAG133655**

## ATTACHMENTS

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## **WATER QUALITY INFORMATION**

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WATER QUALITY INFORMATION					
Receiving Water Name	Ch.93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Codorus Creek and West Branch Codorus Creek	WWF	Yes	Urban Runoff/Storm Sewers - Water/Flow Variability Urban Runoff/Storm Sewers - Siltation Channelization - Water/Flow Variability Channelization - Other Habitat Alterations Industrial Point Source - Thermal Modifications	N/A	N/A
Willis Run	WWF	Yes	Urban Runoff/Storm Sewers - Water/Flow Variability Habitat Modification - Other Habitat Alterations	N/A	N/A
Little Conewago Creek and Unnamed Tributaries to Little Conewago Creek	TSF	Yes	Small Residential Runoff - Water/Flow Variability Land Development - Siltation Flow Regulation/Modification - Siltation Golf Courses - Siltation	N/A	N/A
Honey Run	TSF	Yes	Crop Related Agric - Siltation Golf Courses - Siltation Flow Regulation/Modification - Water/Flow Variability	N/A	N/A

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

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**Public Education and Outreach Program 2013-2014**  
**West Manchester Township**  
**York County, Pennsylvania**

- I. The Township has entered into a Memorandum of Understanding (MOU) with the Watershed Alliance of York (WAY). WAY is a public-private partnership committed to being innovative leaders encouraging watershed planning, restoration and protection through locally led conservation, education and stewardship, in York County with the vision of productive land, clean water, biodiversity and sustainable economies. WAY performs a number of services that ensures compliance with the Public Education and Outreach Minimum Control Measure described in the NPDES Phase II permit. The MOU with WAY ties the Township to WAY's services. WAY prepares bi-monthly newsletters to update interested individuals on events and annual reports on the year's accomplishments.
- II. Provide information on the municipality's web site [www.westmanchestertownship.com](http://www.westmanchestertownship.com) on groundwater protection via links to other agency web sites to maintain the most current and comprehensive data to the residents. Agencies include: Watershed Alliance of York [www.watershedsyork.org](http://www.watershedsyork.org), the York County Conservation District [www.yorkccd.org](http://www.yorkccd.org), Codorus Creek Improvement Partnership [www.codoruscreek.com](http://www.codoruscreek.com), Pennsylvania Department of Environmental Protection [www.dep.state.pa.us](http://www.dep.state.pa.us), US Environmental Protection Agency [www.epa.gov/epahome/educational.htm](http://www.epa.gov/epahome/educational.htm).
- III. "Protecting Water Quality from Urban Runoff" pamphlets are available at the Township Zoning Department counter. There is also a "Rain Garden" station with pamphlets, directions, pictures, ideas, and supply lists for the Residents (copies and photos attached).
- IV. "Stormwater Pollution from Residential Area" and "When You're Fertilizing the Lawn" pamphlets distributed in the Township Spring/Summer 2013 Newsletter. Number distributed: approximately 6,350.
- V. "When You're Washing Your Car in the Driveway, Remember you're Not Just Washing Your Car in the Driveway Poster is displayed on the Township Bulletin Board (see attached poster and picture).
- VI. This Fall, Don't Leave the Leaves and Take the Stormwater Runoff challenge pamphlets distributed in the Township Fall 2013 Newsletter. Number distributed: approximately 6,350.
- VII. The Township participates in Two Stormwater Educational Seminars yearly with adjoining Townships Dover and Manchester.
- VIII. Winter Stormwater Tips pamphlet was distributed in the Township Winter 2014 Newsletter. Number distributed: approximately 6,350.
- IX. Annually at a regularly scheduled Township meeting the engineer presents a brief report on MS4 related accomplishments as well as actions planned for the upcoming year. The engineer's report is displayed at the Township office for public viewing.

- X. Students in West Manchester Township attend West York Schools. These students participated in the 2013 Envirothon at York County Conservation District. Education opportunities are constantly being evaluated to teach children the importance of watershed protection.
- XI. Regulatory documents such as the Stormwater Management Ordinance which includes provisions for prevention of illicit and prohibited discharges and enforcement was advertised in the public newspaper. The public has the opportunity to provide input at all public meetings.
- XII. Municipal employees attend stormwater management related seminars and workshops (see attached spreadsheet, certificates, and handout copies – refer to Attachment MCM #2).
- XIII. All public works employees are required to review the pollution prevention program annually.
- XIV. Spring Lawn Care Tips pamphlet was distributed in the Township Spring/Summer 2014 Newsletter. Number distributed: approximately 6,350.

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

### BMP #1: Plans and Goals for Public Education and Outreach for Upcoming Year

- Continue to provide brochures and fact sheets for general public and specific audiences through newsletters, website, and lobby display.
- Continue to maintain and update as appropriate the Township's Stormwater Management Information section of its website.
- Continue to distribute Township Spring/Summer, Fall and Winter newsletters which will include educational information relative to stormwater management.
- Continue to partner with WAY to publish and participate in watershed weekend events and other public meetings and outreach activities.
- Plan to placard approximately 50 inlets each year and continue to offer storm inlet placard projects to interested scouts.
- Support scouts with construction of an education center at Sunset Park during the spring of 2015.
- Township will be investigating feasibility of establishing a relationship with the West York Area School District to work with District staff in developing and offering stormwater management related educational opportunities to elementary, middle and high school students.
- Continue to offer two stormwater management related seminars/workshops in the upcoming year.

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

### BMP #2: Target List

- All Township Residents including Commercial and Industrial Enterprises
- West York School District
- Special mailing list for residents located in or near a floodplain or stream.
- Develop special/separate mailing list for commercial and industrial enterprises.

## 2013-2014 Public Education:

4/16/2013 Tonya Sumner & Max Klinefelter III of 1800 Emerald Avenue – 20 minute discussion on the merits and possibilities on their lot of utilizing bio-retention versus a seepage pit, in meeting the requirements of the SWM Ordinance (extension of a patio). Monica Love

5/21/13 Fred Weible Jr. of 2007 Thelon Drive – 30 minute discussion over concern of stormwater runoff from adjoining Sunset Park on to his property and what or if anything could be done to resolve this issue. Zane Williams

5/29/2013 Jim May of 1810 Downing St. – Meet Mr. May at 1810 Downing St. to discuss concerns over stormwater runoff from adjoining residential property on to his property. 45 minute discussion on some options Mr. May could implement to contain or control the stormwater runoff. Zane Williams

6/14/2013 Gene & Ruth Kessler of 2020 White St. – 20 minute discussion on the options to manage stormwater on their lot for driveway addition by either utilizing bio-retention, rain barrel or a seepage trench, in meeting the requirements of the SWM Ordinance (extension of a driveway) .Zane Williams

6/27/2013 Ty Miller – Contractor for Stephen Dickson of 2728 Olde Field Dr. – 30 minute discussion with Mr. Miller on the construction of proposed bio-retention area for building addition. Discussed soil, sand, and compost mixture, method of directing water into bio-retention area, and type of plantings to be used in bio-retention area. Zane Williams

7/25/2013 Mandy L. Gibbs of 2911 Sparrow Drive – 15 minute discussion with Mrs. Gibbs on why seepage pit was required for building addition and its function, in meeting the requirements of the SWM Ordinance (Building addition). Zane Williams

7/25/2013 Criasmore Construction – 30 minute meeting with Mr. Criasmore at 2982 Quail Ln. on the options to manage stormwater for a concrete patio, in meeting the requirements of the SWM Ordinance (Patio). Zane Williams

8/1/2013 Rodney Schrum of 2686 Sunset Lane – 20 minute meeting with Mr. Schrum to discuss the stormwater options for driveway addition installed, in meeting the requirements of the SWM Ordinance (Driveway). Zane Williams

9/4/2013 Chris & Erika McKee of 3060 Golden Paths – 60 minute meeting with Mr. McKee at site to discuss concerns of erosion and flooding of his property from stormwater swale at rear of his property. Discussed options that he could pursue to help remedy problem. Zane Williams

9/14/13 Ryan Smith of 2015 Thelon Drive – 20 minute discussion over concern of stormwater runoff from adjoining Sunset Park on to sidewalk and street and what or if anything could be done to resolve this issue. Monica Love

9/20/2013 Edward Clapper of 2959 Sunset Lane – 40 minute meeting with Mr. Clapper at 2959 Sunset Ln. on the options to manage stormwater for a new driveway, in meeting the requirements of the SWM Ordinance (Driveway) . Zane Williams

10/22/2013 West Manchester Township – 15 minute presentation on “Stormwater Safety” to employees of West Manchester Township at Wellness and Safety Meeting. Zane Williams

10/26/2013 Maria Fuentes of 2610 Church Road – 20 minute meeting with Mrs. Fuentes to discuss the options to manage stormwater for a driveway addition, in meeting the requirements of the SWM Ordinance (Driveway) . Zane Williams

11/12/2013 Kenton Jacobs of 175 Margate Road – 20 minute meeting with Mr. Jacobs to discuss options to manage stormwater for a new garage, in meeting the requirements of the SWM Ordinance (Garage). Zane Williams

11/21/2013 Craig Davis of 2156 Golden Eagle Dr. – 30 minute meeting with Mr. Davis to discuss why stormwater management is required for a new patio constructed at site. Discussed stormwater management options to remedy issue, in meeting the requirements of the SWM Ordinance (Patio). Monica Love

1/7/2014 Jeff Keith of 10 Sussex Circle – 20 minute meeting with Mr. Keith to discuss options to manage stormwater for a new patio and shed, in meeting the requirements of the SWM Ordinance (Patio & Shed). Zane Williams

3/17/2014 Martin Musser of 1901 Thelon – 15 minute discussion on the options to manage stormwater on their lot for a garage and driveway by either utilizing bio-retention, seepage pit or trench, or pervious pavement in meeting the requirements of the SWM Ordinance. Zane Williams

4/21/2014 Adam Russ, contractor for 2357 Maple Road – 15 minute discussion on the options to manage stormwater on the lot for a garage and covered porch roof by either utilizing bio-retention, seepage pit or trench in meeting the requirements of the SWM Ordinance. Zane Williams

4/22/2014 Travis Webster, Contractor for 1353 Winterberry Court – 20 minute meeting and discussion on how to manage stormwater on the lot for a new patio. Mr. Webster is going to use a seepage pit with Aqua Blocks instead of stone. Mr. Webster brought in an Aqua Block for us to see and show how he was going to use them at site, in meeting the requirements of the SWM Ordinance. Zane Williams

4/23/2014 Darby Shue of 310 Canary Circle – 30 minute discussion on stormwater management and Township stormwater ordinance and why they are required. Discuss the options to manage stormwater on their lot for a building addition and driveway by either utilizing bio-retention, rain barrel, seepage pit or trench, or pervious pavement in meeting the requirements of the SWM Ordinance. Zane Williams

4/22/2014 Township Resident, Little Creek – 20 minute discussion on why stormwater management is required and how to manage stormwater on lot for a new patio. Discussed the different options to

manage stormwater, seepage trench or bed, bio-retention, and rain barrels. Also discussed constructing a deck instead of patio. Zane Williams

5/13/2014 Terry Einsig, 1685 Misty Drive – 15 minute discussion on why stormwater management is required and how to manage stormwater on lot for a new pole building or garage. Discussed the different options to manage stormwater, seepage bed or bio-retention. Zane Williams

6/12/2014 Ian Foults of 2455 Loucks Road – 30 minute meeting at site to discuss stormwater management and Township stormwater ordinance and why they are required. Discuss the options to manage stormwater on their lot for a new patio by either utilizing bio-retention, seepage pit or trench in meeting the requirements of the SWM Ordinance. Zane Williams

7/8/2014 Glenn Leidig of 865 Old Taxville Rd. – 20 minute discuss on why stormwater management is required and the options to manage stormwater on their lot for a garage by either utilizing bio-retention, seepage pit or trench in meeting the requirements of the SWM Ordinance. Zane Williams

7/9/2014 Troy Hull of 2439 Fairway Dr – 15 minute discuss on the options to manage stormwater on their lot for a new patio by either utilizing bio-retention, seepage pit or trench in meeting the requirements of the SWM Ordinance. Zane Williams

7/14/2014 Terry Einsig of 1685 Misty Dr – 15 minute discuss on the options to manage stormwater on their lot for a new garage by either utilizing bio-retention, seepage pit or trench in meeting the requirements of the SWM Ordinance. Zane Williams

7/18/2014 Victor Montanez, 1040 Walter St. – 20 minute discussion on why stormwater management is required and how to manage stormwater on lot for a car port. Discussed the different options to manage stormwater, seepage trench or bed, bio-retention, and rain barrels. Zane Williams

7/22/2014 Benjamin Lepore of 1350 Woodberry RD – 15 minute discuss on the options to manage stormwater on their lot for a new concrete pad by either utilizing bio-retention, seepage pit or trench in meeting the requirements of the SWM Ordinance. Zane Williams

7/23/2014 Michael Fletcher, 2631 Farmstead Way – 20 minute discussion on why stormwater management is required and how to manage stormwater on lot for a concrete porch. Discussed the different options to manage stormwater, seepage trench or bio-retention. Also discussed resolving stormwater issues on the lot (low area that ponds during heavy rains). Zane Williams

## 2013-2014 Public Outreach :

4/24/2013 2039 Lycan Drive – Notice lawn clippings blown into street and gutter, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

5/2/2013 119 Gotwalt St. – Notice lawn clippings blown into street and gutter, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

5/6/2013 2450 Wyndhurst Ln. – Notice lawn clippings blown into street and gutter, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

5/15/2013 Amethyst Road – Resident reported clogged storm drain on Amethyst Road between Topaz and Sapphire Roads. A field inspection was performed and confirmed the two 36" cmp pipes were definitely clogged with debris(branches, leaves, trash, silt, and grass). The Township brought in a backhoe and dump truck and proceeded to clean out the debris from the cmps(see photos).

Zane Williams

5/20/2013 1528 Greenmeadow Dr. – Notice lawn clippings blown into street and gutter, also in inlet grate, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

6/03/2013 2125 Thoroughbred Court. – Resident notice neighbor dumping lawn clippings into inlet. Took picture of inlet and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

7/16/2013 170 Margate Rd. – Notice lawn clippings blown into street and gutter. Took picture of street and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams



7/16/2013 1945 Orange St. – Notice lawn clippings blown into street and gutter. Took picture of street and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

8/23/2013 2710 Rosebay Drive – Resident notice neighbor dumping lawn clippings into inlet. Took picture of inlet and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

8/30/2013 2665 Rosebay Drive – Notice lawn clippings blown into street and gutter. Took picture of street and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

6/4/2014 1861 Wynhurst Court – Resident noticed lawn clippings being blown into street and gutter, notified township. Township left a Nothing but Rain in the Drain Door Hanger, Protecting Water Quality from Urban Runoff Brochure, and The Solution to Stormwater Pollution Brochure notifying property owner of problem and possible fines in the future.

Zane Williams

6/4/2014 1841 Wynhurst Court – Resident noticed lawn clippings being blown into street and gutter, notified township. Township left a Nothing but Rain in the Drain Door Hanger, Protecting Water Quality from Urban Runoff Brochure, and The Solution to Stormwater Pollution Brochure notifying property owner of problem and possible fines in the future.

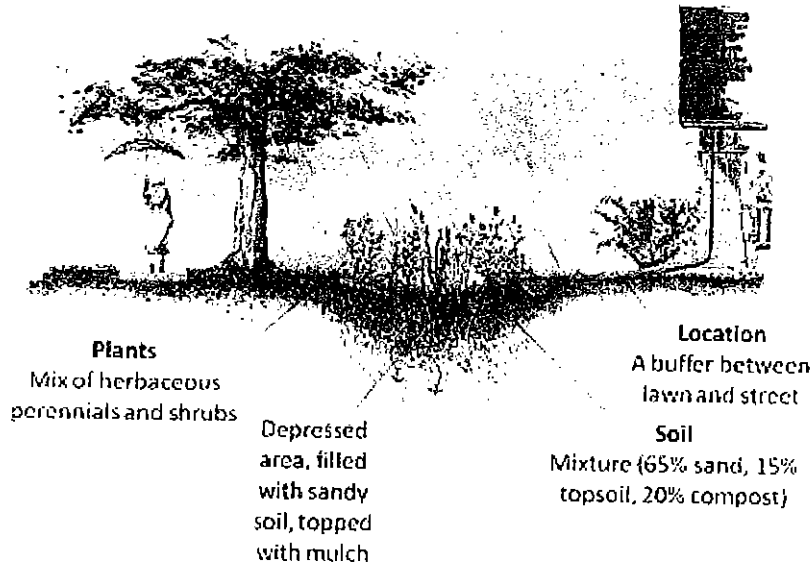
Zane Williams

# **Dover & West Manchester Townships**

**Present**

## **≈ STORMWATER 2.0 ≈**

### **Rain Gardens, Compost and You**



**Thursday April 18, 2013**

**6:30 pm – 7:30 pm**

**Brief presentations by:**

Gary Peacock – Rain Gardening: Harvesting Rain Water for Homeowners

John Geoghan – Composting

Laurel Oswalt – Stormwater, You and Your Community

See the start of a rain garden in front of the Carousel Building and check back often through the season to watch it take shape and grow.

Join us for this free event at the  
**Carousel Building in Brookside Park**  
Fox Run Road, Dover PA 17315

# BACKYARD COMPOSTING



**West Manchester, Dover & Manchester Townships**

**present**

**Thursday October 17, 2013**

**6:30 pm – 7:30 pm**

**Presentation by:**

**John Geoghan**

West Manchester, Dover and Manchester Township staff members will be available to answer questions you have regarding the new stormwater ordinances and how they affect your property.

Join us for this free event at the  
**West Manchester Township building**  
380 East Berlin Road, York PA 17408

If you would like to be notified directly when these seminars are scheduled, please sign up below.

[illegible]

# **PREPARE FOR THE STORM**



**Manchester, West Manchester, & Dover Townships  
present**

**Thursday April 17, 2014**

**6:30 pm – 7:30 pm**

Join us for this free event at the  
**Manchester Township building**  
3200 Farmtrail Road, York PA 17406-5699

**\*Check the next Newsletter for additional information\***

# PREPARE FOR THE STORM – PLEASE SIGN IN

Name	Address	Contact info	Municipality
Not Markel	1450 Newville Rd. Carlisle, Pa. 17015	619-359-8614	Pennsylvania Rural Water
Laurel Oswalt	2480 W. Canal Road	717-292-7968	Dover PA
JERRY A. MYERS	1146 CHERRY ORCHARD RD DOVER	717-846-4805	DOVER TWP C.S. DAVIDSON, LLC
Monica Love	380 E. Berlin Rd, York	717-792-3505	W. Manch. Twp Dover Township
BILL JAMES	120 DAVIES DR YORK PA 17402	717-840-2990	YORK COUNTY
STEWART OLEWILER	3200 FARM TRAIL RD YORK PA 17406	717-764-4646 S.Olewiler@MANTWP.COM	MANCHESTER TWP DOVER TWP
LORI TRIMMER	2369 REDWOOD AD YORK PA 17408	717-792-3505	W. MAN. TWP
Chuck Fominy	2480 W. Canal Rd DOVER PA 17315	717 292-3634	DOVER TWP
MICHAEL BESHORE			MANCHESTER TOWNSHIP
CHUCK RICHARDS			DOVER TOWNSHIP

PLEASE PRINT



# West Manchester

Spring/Summer 2014 NEWSLETTER

380 East Berlin Road • York, Pennsylvania 17408

## Township

### OFFICE HOURS:

8:00 to 5:00 PM (M-F)  
717.792.3505 (Phone)  
717.792.4374 (Fax)

info@westmanchestertownship.com

### THE BOARD OF SUPERVISORS

Dave S. Markel  
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Steve Harlacher  
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*Township Manager*

**TAX COLLECTOR**  
Cheryl Niehenke  
717-793-9651

Magisterial District  
Judge Albright  
District 19-2-03  
717-793-5200

### FREQUENTLY CALLED NUMBERS

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717-764-3624

York Water  
717-845-3601

West York Ambulance  
717-792-1610

Police Department  
717-792-9514

*Don't forget  
to save this  
Bulletin until the  
next one arrives  
in your mailbox  
in September.*



**Don't Wait! Sign Up Today**

*See Page 11 for Details*

The West Manchester Township Public Works Department wishes to express their appreciation to the kind residents of our Township for their patience and support during these past wintery months. After spending long hours in a plow truck, away from their families, a friendly face and wave makes all the difference.



**For the cancellation of recreation programs, last minute notices, emergency situations, road closures and other useful updates check out the alert ticker on our home page at**





**[www.westmanchestertownship.com](http://www.westmanchestertownship.com)**

# Stormwater Management



## **SPRING LAWN CARE TIPS**






**S**pring is a time of rejuvenation. Say goodbye to the last of that gray, gritty snow – it's time for some Lawn TLC.

### **TIPS FOR A HEALTHY SPRING LAWN**

-  **REMOVE** damage and dead vegetation
-  **RESEED** bare spots caused by salt with a salt tolerant grass mix, then keep the ground moist for 3-4 weeks
-  **KEEP GRASS LONG** – 2 ½ to 3 inches long for the healthiest growth
-  **WAIT TO FERTILIZE** – Fall is the best time to fertilize. If you're worried about lawn nutrition, have a soil test done. Call the York County Extension to find out about test kits and if you do need to fertilized wait until the ground is well thawed and no rain is predicted for 36 -48 hours.

### **TIPS FOR KEEPING POLLUTANTS OUT OF THE STREAMS:\***

-  **FOLLOW DIRECTIONS CAREFULLY** – When applying and disposing of lawn-care products, please follow all instructions.
-  **SWEEP-UP** lawn products that fall on driveways or sidewalks

-  **REUSE** or properly dispose of lawn care products or chemical waste
-  **KEEP DRAINS CLEAR** never put ANYTHING into the storm drains, don't store construction materials near an inlet grate, and clear off any grates near your home.
-  **AVOID STREET WASTE** – Never rake leaves or blow grass clippings into the street. Compost grass clippings and bag other yard waste for collection.
-  **BAG PET WASTE** and dispose of it in the trash – all pet waste.
-  **CLEAN** material from gutters
-  **DIRECT** downspouts into the grass – this allows for some infiltration into the ground.

\* Springtime pollutants include phosphorous and other chemicals. Phosphorous is found in organic materials – soil, grass, leaves, fertilizer, and pet waste. In waters, they feed algae. Chemicals are often part of spring fix-up efforts – paints, oils and cleaners. All of these can get into storm sewers, washed off by rainwater and snow runoff. This water is NOT TREATED. It flows directly into our lakes and streams.

## **Sump Pumps Connected Illegally Cause Big Problems for Neighbors**

**W**e all know heavy and prolonged rain events create unsafe driving conditions. These same storms can overwhelm storm sewer inlets and pipes and cause streams to overflow their banks. However, hidden from our sight are sanitary sewer lines. During heavy rains, these lines can receive catastrophic amounts of rainwater and groundwater from sump pumps and roof drains that are connected illegally.

Sump pumps and down spout drain leaders that are illegally connected to the sewer can quickly overwhelm a sanitary sewer system. If just two or three neighbors in a single block illegally connect their sump pumps to their sewer lateral, the flow that is trying to get through the sewer main will be more than its designed capacity. During the last October 2013 storm, the Superintendent of the Wastewater Treatment Plant, reported over **30 million gallons per day** was received, on a normal day they receive **3-4 million gallons**. The difference between an average day and this specific storm was about **26-27 million gallons** of flow consisting of mostly groundwater. This enormous amount of groundwater combined with sewage creates tremendous problems for home owners.

This combination of sewage and groundwater flowing in the line starts to back up and creates a surcharge from manholes, toilets, showers or even washing machines. Removing illegally connected sump pumps is the key to reducing the amount of flow in the sewer lines. Sump pumps are designed to pump collected rainwater from

your ground floor or basement. The sump pump should then discharge into your yard, not the sewage system. Sanitary sewers are only designed to carry sewage. Simply put, you can't pour a gallon into a quart jar without making a mess. Sewage overflows are a mess that no one wants in their home.

Typically sewer lines in residential streets are only 8 (eight) inches in diameter and installed at relatively flat slopes. This diameter of pipe is adequate to support residential sewage needs but cannot accommodate additional water inflow coming from illegally connected sump pumps or down spouts.

The problem is many homeowners don't realize they have an illegal connection because it was set up that way when they bought their home. If you know your home is connected illegally to the sewer, please call a plumber and have it fixed immediately. If you're not sure you are connected illegally contact the Township for a free inspection.

*Since 2010, the Township has invested more than \$2.5 million without increasing property taxes or sewer rates, in replacing sewer interceptors, manholes and residential sewer line repairs and replacements. In addition, over 80,000 feet of sewer main has been televised to identify future repair/replacement projects. Resolving the sanitary sewer overflow situation will require cooperation from all residents and continued repair/replacement projects by the Township.*



# West Manchester Township



Winter 2014 NEWSLETTER

380 East Berlin Road • York, Pennsylvania 17408

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8:00 to 5:00 PM (M-F)  
717.792.3505 (Phone)  
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Cheryl Niehenke  
717-793-9651

Magisterial District  
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717-793-5200

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York Water  
717-845-3601

West York Ambulance  
717-792-1610

Police Department  
717-792-9514

## WEST MANCHESTER TOWNSHIP GARBAGE CUSTOMERS

### Christmas Tree Collection Program January 11 & 18, 2014

West Manchester Township trash customers may place their live Christmas trees by the curbside on Saturday, January 11 or Saturday, January 18, 2014. Trees must be at the curb **NO LATER THAN 7:00 AM**. The trees will be collected and taken to a mulching site. **All trees must be free of plastic bags, lights and ornaments otherwise they will not be picked up.**

If you have any questions, please call the Township Office at 717-792-3505.

**Beginning  
February 1, 2014, trash  
and recycling collection  
begins at 6:00 AM.**

*Don't forget  
to save this  
Bulletin until the  
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# Stormwater Waste Management



**Manchester, West Manchester,  
& Dover Townships present**

## **PREPARE FOR THE STORM**

**Bill James – Municipal Planner/Trainer**

**Thursday, April 17, 2014**

**6:30 pm – 7:30 pm**

Join us for this event at the  
Manchester Township Building  
3200 Farmtrail Road, York, PA 17406-5699

**“Check the next Newsletter for additional information”**

## **Winter Stormwater**

Did you know all that snow on the ground will eventually turn to stormwater? Even though it is wintertime, we still need to think about stormwater pollution! All the salt, oil, brake dust, dirt and grime that have built up in the snow throughout the winter will wash straight down the storm drain when the snow melts. Remember, water entering storm drains flows directly to the Chesapeake Bay, untreated. Do your part this winter to keep the Chesapeake Bay clean for this year's swimming and boating season:

- Don't overdo it when using salt and try salt alternatives. Sweep up excess salt from your driveway and sidewalk.
- Take your car to a commercial car wash to wash away the salt and grime. Don't wait for the first rainfall to do the job!
- Fix all leaks on your car.

Throw all your trash in the garbage can and not out the car window; that includes cigarette butts.



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# West Manchester Township

FALL 2013 NEWSLETTER

380 East Berlin Road • York, Pennsylvania 17408

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8:00 to 5:00 PM (M-F)

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info@westmanchestertownship.com

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*Township Manager*

**TAX COLLECTOR**  
Rosemary Smith  
717-793-9651

Magisterial District  
Judge Albright  
District 19-2-03  
717-793-5200

## FREQUENTLY CALLED NUMBERS

Shiloh Water  
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York Water  
717-845-3601

West York Ambulance  
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Police Department  
717-792-9514

# LEAF COLLECTION

Schedule on  
page 6



Don't forget  
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in January.

For the cancellation of recreation programs, last minute notices, emergency situations, road closures and other useful updates check out the alert ticker on our home page at

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## This Fall, Don't Leave the Leaves!

Keep Leaves out of streams and rivers by keeping them out of the streets and away from storm drains.

### From the street to the stream

Although leaves seem "natural" and harmless, excess leaves pose a threat to the health of our surface water. Leaves in the gutter in front of your house are on the fast track to our streams and rivers. When it rains, leaves are washed into storm drains and directly into the nearest stream or river. Once they get into the water they begin to decay, leaves release nutrients that contribute to that green stuff you see on the surface of our local streams and ponds: algae. Excess algae makes recreation unpleasant, plus decomposing algae uses up oxygen in the water which, in turn, suffocates fish.

### Rake them up, not out

Raking leaves into the street the day before the street sweeper comes. Even if those street leaves don't blow away right away, leaves are crushed by car tires and

mixed with rain making a rich "nutrient tea" that flows along the gutter into storm drains. So the fewer leaves that make it to the street, the better.

Here are some watershed-friendly alternatives to raking leaves into the street:

- Compost leaves for a nutrient-rich fertilizer for your gardens
- Use a mower to chop leaves into small particles and apply directly to your lawn to enrich it (this is called top-dressing)
- Use chopped leaves as winter mulch for your flower gardens

Everyone can participate. The distance between your yard and the water's edge is as close as the nearest storm drain. Keeping leaves out of the street is an important act of protection for our watersheds.

### Links

Backyard composting: <http://www.reduce.org/>  
Purchase a compost bin: <http://www.greenguardian.com/>  
Leaf drop-off directions: <http://silverspringtwp-pa.gov/pdf/JointUseMap.pdf>



**YORK BUILDERS  
ASSOCIATION**

## 2013 E-cycle Event!

Why throw it away  
when you can  
donate it?

Electronics,  
computers,  
monitors,  
televisions,  
chargers,  
batteries,  
air conditioners,  
refrigerators,  
washers,  
dryers,  
metals

Not sure if you can  
donate it?  
Go to [www.pazmetals.com](http://www.pazmetals.com)



**540 Greenbriar Road  
York, PA 17404**

**All items  
are considered  
a donation.**

To schedule a large  
donation pick up  
Contact:  
[Leah@YorkBuilders.com](mailto:Leah@YorkBuilders.com)

Proceeds will go to the  
YBA Scholarship Fund  
providing scholarships to  
high school seniors.

#### Special Exceptions:

1. CRT Computer Monitors or flat monitors scratched or broken = \$10 charge to discard;
2. No Charge for un-scratched/un-broken CRT monitors;
3. TV's larger than 20" = \$20 charge to discard; and
4. No Rear-Projection TV's accepted



# West Manchester Township

SPRING/SUMMER 2013 NEWSLETTER

*York County, Pennsylvania*

## THE BOARD OF SUPERVISORS

Steve Harlacher  
Chairman

David S. Markel  
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Rosa G. Hickey  
Supervisor

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Township Manager

## TAX COLLECTOR

Rosemary Smith  
717-793-9651

Magisterial District  
Judge Albright  
District 19-2-03  
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*Don't forget  
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Bulletin until the  
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in September.*

## FEELING LOST?

**Wondering What's Going On When  
The Municipal Building is Closed?**

Check for the alert ticker on our home page for  
last minute notices, emergency situations and  
useful updates at

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



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DOVER & WEST MANCHESTER TOWNSHIPS PRESENT  
**STORMWATER 2.0 ~ *Rain Gardens, Compost and You***

**THURSDAY APRIL 18, 2013**

**6:30 PM - 7:30 PM**

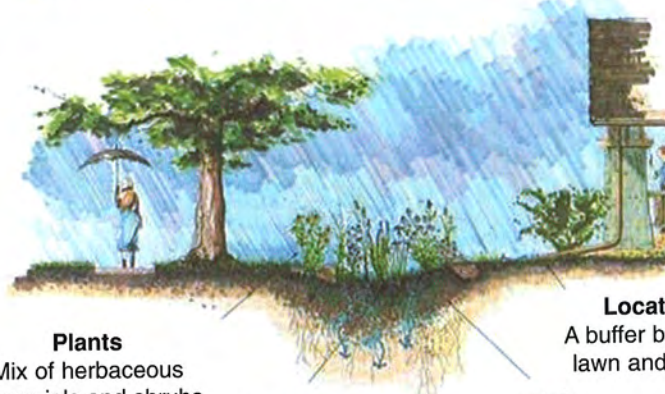
Brief presentations by:

**Gary Peacock** - *Rain Gardening: Harvesting Rain Water for Homeowners*

**John Geoghan** - *Composting*

**Laurel Oswalt** - *Stormwater, You and Your Community*

See the start of a rain garden in front of the Carousel Building and check back often through the season to watch it take shape and grow.



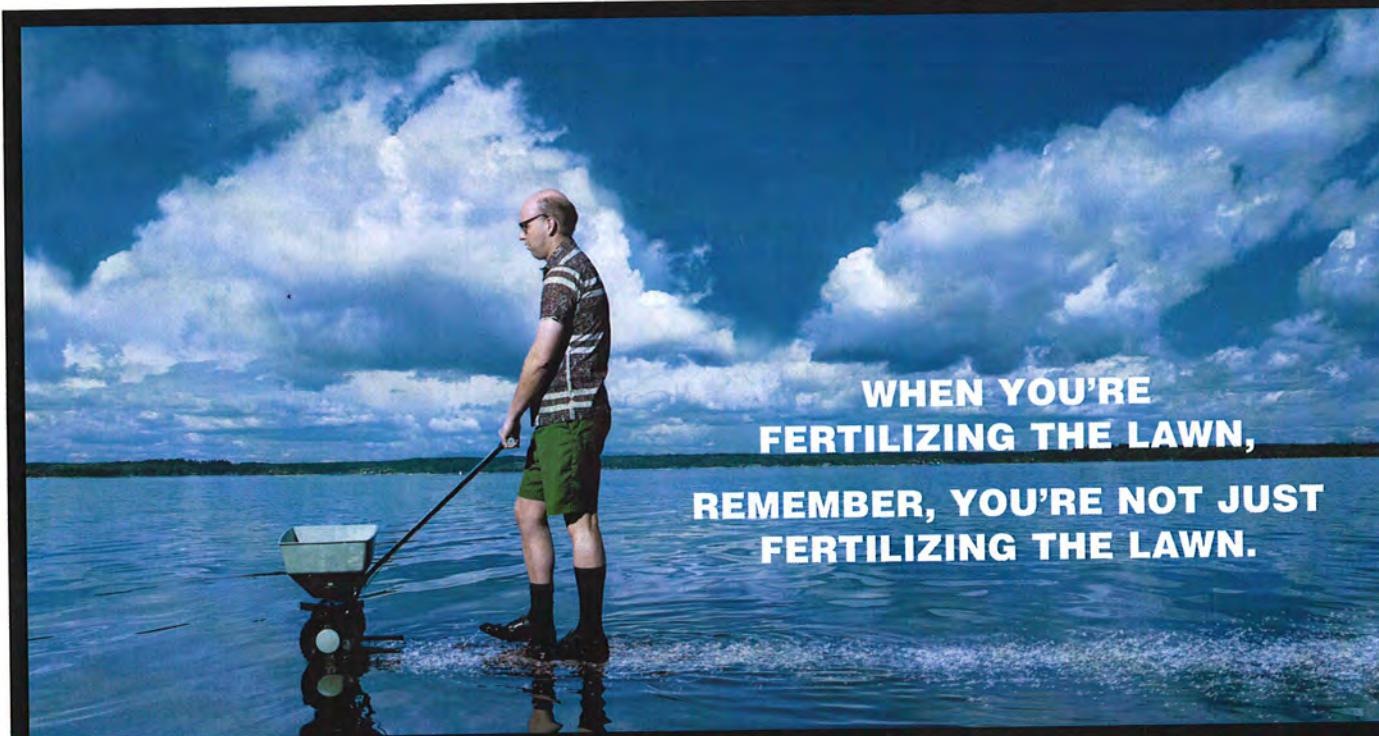
**Plants**  
Mix of herbaceous perennials and shrubs

Depressed area, filled with sandy soil, topped with mulch

**Soil**  
Mixture (65% sand, 15% topsoil, 20% compost)

**Location**  
A buffer between lawn and street

*Join us for this free event at the Carousel Building in Brookside Park, Fox Run Road, Dover, PA 17315*



**WHEN YOU'RE  
FERTILIZING THE LAWN,  
REMEMBER, YOU'RE NOT JUST  
FERTILIZING THE LAWN.**

You fertilize the lawn. Then it rains. The rain washes the fertilizer along the curb, into the storm drain, and directly into our lakes, streams and into coastal waters including the Chesapeake Bay. This causes algae to grow, which uses up oxygen that fish need to survive. So if you fertilize, please follow directions and use sparingly.

*If you have questions regarding storm water, please contact your municipality or Pennsylvania Department of Environmental Protection's Regional Office. For general questions, you may also contact DEP's Bureau of Water Management at (717) 772-5661 or visit [www.dep.state.pa.us](http://www.dep.state.pa.us).*

*Thanks to the Washington State Water Quality Consortium for permission to adapt and use this poster.*



## STORMWATER POLLUTION FROM RESIDENTIAL AREAS

**The stormwater system** - The stormwater system drains directly into our creeks, lakes and rivers without treatment. The Clean Water Act Amended in 1987 aims to protect these aquatic environments by keeping stormwater as clean as possible. The stormwater system is separate from the sewerage system. Inside your house the kitchen sink, laundry, toilet and bathroom drains are connected to the sewer, or septic tank in un-sewered areas. You may also have a sewer connection under your outside tap via a gully trap. All other areas where rainfall collects, including roof drains, are collected by the stormwater system. The stormwater system carries rain from your driveway, paved areas, car parks and streets directly to our waterways without treatment.

**Pollution in the stormwater system** - Stormwater can carry pollution to our creeks, lakes and rivers. For instance, lawn clippings or leaves that get swept into the gutter can enter the stormwater system causing undesirable nutrients to be added to our aquatic environments and contribute to outbreaks of blue green algae. The most visible form of stormwater pollution is litter and rubbish. However, contaminants such as soil, oil and grease, animal feces, organic matter, detergents, chemicals and fertilizers also pollute our stormwater. Such pollution can result in fish kills, algal blooms, unsafe swimming conditions, the accumulation of toxins in aquatic animals, or unsightly creeks, lakes and rivers.

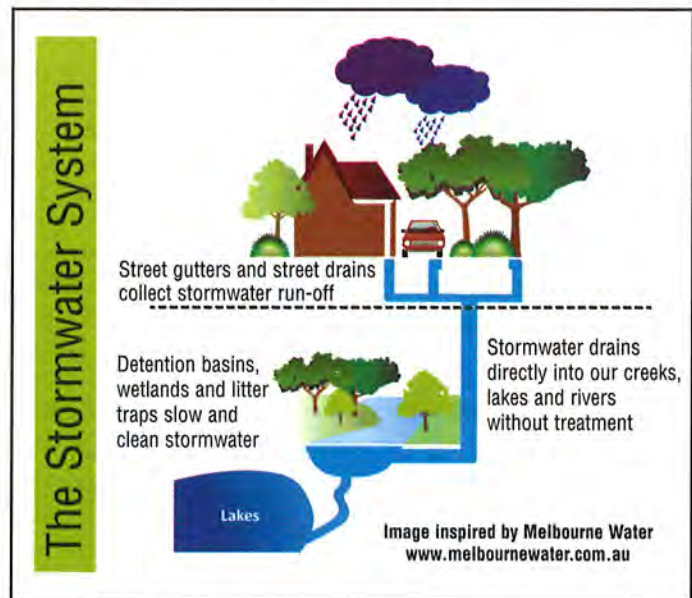
**Vehicle and equipment washing** - When water restrictions allow, wash your car and other equipment on grassed or graveled areas so that water and detergents can soak into the ground and do not enter the stormwater system. Commercial vehicles and equipment must be washed in a commercial car wash facility if there is not an appropriate grassed or graveled area available. To reduce stormwater pollution from cars, ensure your vehicle does not leak oil or any other fluids, including coolants.

**Wastewater disposal** - Wastewater is any water used or contaminated as a result of your activities. Wastewaters or wash down waters from cleaning operations must not be discharged to the stormwater system. Wash down water volumes should be minimized and directed to soakage areas in the garden or lawn. Sweep, rather than hosing down driveways and paths, to avoid creating discharges to the stormwater system. Place sweepings in the garden or compost.

**Landscaping** - Direct run-off to garden and lawn areas when landscaping. Ensure building footings are adequately protected and any excess water is disposed of appropriately.

**Gardening** - Ensure green waste does not enter the stormwater system. Sweep grass cuttings and leaves from street gutters, footpaths and driveways and put them in your compost or garden.

Avoid using garden chemicals (pesticides, fertilizers, etc) where they could enter the stormwater system. See Hazardous Waste in your home information sheet for disposal options. Ensure areas around your yard and in front of your house are maintained so that soil, mulch, gravel, etc do not enter the stormwater system.



**Animal feces** - Dog feces washes from footpaths and driveways to the stormwater system directly into our creeks, lakes and rivers, and poses a health threat to swimmers. Owners are responsible for cleaning up after their pets, especially while out walking their dogs. Collect all feces and then bury them in the garden or dispose of them in a sealed bag in the garbage.

**Swimming pools and spas** - If the pool needs to be emptied, the water should not be directed to stormwater. Empty the pool gradually to allow the water to soak into grass or garden beds (ensuring water does not go onto neighboring properties).

**Home handy people** - Make sure any stockpiled material (e.g. mulch, soil, or sand) is prevented from entering the stormwater system. A cover can be used to contain the material. Materials must not be stored near the stormwater system. A silt fence or similar barrier should be used to filter water and stop soil from entering the stormwater system. Paint stripping, sawdust, and other building wastes should be collected and disposed of in the garbage. Wastewater from washing paintbrushes, brick cutting and other problem wastes must not be allowed into the stormwater system. Instead, dispose of wastewater by tipping it onto a flat, grassy area or an area that will retain liquid. Dried solid waste can then be disposed of in the garbage.

**Rainwater tanks** - Rainwater tanks contribute to the protection of the environment. They do this by reducing run-off and by slowing the flow of stormwater from our urban environment, so fewer pollutants are transported into our creeks, lakes and rivers. Consider installing a rainwater tank to provide water for your garden, wash your car, top off your swimming pool, or with additional plumbing, to connect to your toilet or washing machine.

**Your legal responsibility** - Under the Act, it is an offense for a person to allow any substance other than rainwater to enter the stormwater system.





# West Manchester Township

## Stormwater Management Information



### TOWNSHIP COMPLIANCE WITH MS4 PROGRAM NPDES STORM WATER PERMIT

West Manchester Township submits an Annual Report to the Pennsylvania Department of Environmental Protection to document implementation of its Stormwater Management Program (SWMP) in accordance with the conditions of the Authorization to Discharge under its NPDES General Permit for Discharges of Stormwater from Small MS4s (PAG-13). The goal of the MS4 program is to reduce the discharge of pollutants in order to protect water quality. The Township will continue to implement requirements of the MS4 program to protect water resources in the community. Among other things, the Township:



- The latest version of the West Manchester Township Annual MS4 Report is available for review in the Township Office. This document can also be accessed online. It can be found below in the links section of this page.
- Distributes public education material to the residents and other applicable

groups. This includes articles in the Township newsletters and brochures included with building and zoning permits.

- Conducts a public education meeting on the MS4 program and the Township's implementation efforts at least one time each year.
- Inspects a minimum of 20% of the Township's permitted storm water



outfalls annually for illicit discharges.

- The Township has adopted and enforces a Stormwater Management Ordinance in accordance with the York County's Integrated Water Resources Plan model stormwater management ordinance. Engineering review and approval of storm water management plans are required prior to the approval of all new developments.
- Enforces Township ordinances by reviewing erosion and sediment control plans. The Township also has an executed Memorandum of Understanding with the York County Conservation District for review and enforcement of erosion and sediment control measures.

You can help too. Remember that anything that goes into a storm sewer eventually drains to a stream:

1. Monitor storm sewer inlets near your property. Nothing should be dumped into the storm sewer system. Contact the Police Department immediately if you witness illegal dumping.
2. Clean up after your pets and dispose of their waste properly.
3. Use fertilizers properly and efficiently to prevent excess runoff during a rain storm. From your lawn those fertilizers travel through the storm sewer, into the local streams, eventually into the Susquehanna River and directly into the Chesapeake Bay. In the Bay those fertilizers promote algae growth; depleting oxygen, and killing fish, crabs, and other aquatic life.
4. Properly store chemicals and other materials that could contaminate water supply.
5. Never change your vehicle's oil or other fluids near the storm sewer inlets. Report any chemical spills to the Township immediately.

For more information on Stormwater, and your effect on the streams, rivers, lakes and oceans, please watch:

### **After the Storm**

<http://www.youtube.com/watch?v=0fIXhs6DzIE>

Rain gardens are an inexpensive, beautiful and low maintenance way to manage your stormwater impact.



Click on the Image for a Rain Garden Brochure

## Stormwater Management Links

[West Manchester Township MS4 Annual Report](#)

[York County Conservation District](#)

[Watershed Alliance of York](#)

[PA DEP Water Bureau of Conservation and Restoration Stormwater Management MS4 Information](#)

[EPA - Stormwater Outreach Materials and Reference Documents](#)

[Chesapeake Bay Foundation PA](#)

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**West Manchester Township**

**380 East Berlin Road**

**York, PA 17408**

**Phone (717) 792-3505**

**Fax (717) 792-4374**

**E-Mail - [Info@WestManchesterTownship.com](mailto:Info@WestManchesterTownship.com)**



**Quick Navigation!**

Home

load page

**West Manchester  
Township**

**(717) 792-3505**

Website: [www.westmanchestertownship.com](http://www.westmanchestertownship.com)

RECEIVED JUN 28 2010



**380 East Berlin Road  
York, Pa. 17408**

**fax: (717) 792-4374**

E-mail: [info@westmanchestertownship.com](mailto:info@westmanchestertownship.com)

June 24, 2010

Mr. Gary Peacock  
Watershed Alliance of York  
118 Pleasant Acres Road  
York, PA 17402

RE: MEMORANDUM OF UNDERSTANDING (M.O.U.) RENEWAL

Dear Mr. Peacock:

At its meeting of June 24, 2010 the West Manchester Township Board of Supervisors voted to renew its Memorandum of Understanding with the Watershed Alliance of York (WAY) through the rest of the calendar year of 2010 and 2011 and respectfully requests that the Watershed Alliance of York (WAY) agree to the same.

At its same meeting the Board also agreed to provide a donation of one-hundred dollars (\$100.00) in recognition of the valuable service you provide to the Township.

Attached please find a copy of the original Resolution 2010-27 and the executed Memorandum of Understanding which allows for this renewal for your files as well as the donation check for one-hundred dollars (\$100.00).

Please advise if there is any other paperwork required by your organization to execute this renewal.

I also request that you continue to keep our municipality on your mailing list and update us on WAY's stormwater education and outreach programs.

On behalf of the Board of Supervisors and our residents, thank you for your hard work in this matter and we look forward in working with you as we continue to make a better community for the residents of West Manchester Township and the State of Pennsylvania.

Sincerely,

Kelly K. Kelch, Manager  
West Manchester Township, York County

Cc: Kelly O. Palmer – Assistant Township Manager  
Wendy Boutilier – Finance Director  
Steve S. Callahan, Public Works Director  
Bony R. Dawood, P.E. – Township Engineer  
Vicki Aycock – Dawood Associates

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (this "MOU") is entered into this 1st day of August, 2010, by and between West Manchester Twp (the "Municipality") and the WATERSHED ALLIANCE OF YORK, INC. ("WAY").

WHEREAS, the parties hereto wish to develop a mutual relationship to support watershed conservation and protection in the Municipality; and

WHEREAS, as part of that relationship and in recognition of the Municipality's need to comply with certain ongoing requirements of the Pennsylvania Department of Environmental Protection MS4 Stormwater General Permit (the "Permit"), WAY wishes to provide assistance to the Municipality as more fully described below.

NOW, THEREFORE, the parties hereto agree as follows:

**SECTION 1** During the term of this MOU, WAY agrees to provide the following services qualifying as "Public Education and Outreach" as described in the Permit:

(a) Maintain a link from WAY's website to the Municipality's web site. The Municipality will maintain a link to WAY's website on its own website.

(b) Provide a regular article on stormwater to the Municipality for inclusion in its regular newsletter.

(c) Assist in the production and distribution of the "When it rains, it drains" brochure.

(d) Include interested residents of the Municipality on the email list for the WAY E-News, a bi-weekly electronic newsletter on watershed topics (including stormwater) published by WAY.

(e) Provide the Municipality with copies of WAY's Annual Report for distribution to residents in the Municipality.

**SECTION 2** During the term of this MOU, WAY agrees to provide the following services qualifying as "Public Participation and Involvement" as described in the Permit:

(a) Hold at least one educational public meeting dedicated to a stormwater topic and will notify the Municipality in advance of the meeting and invite participation by residents of the Municipality.

(b) Notify the Municipality of all other public meetings and public participation opportunities in their local watersheds or in York County.

**SECTION 3** During the term of this MOU, WAY agrees to provide the following service qualifying as "Illicit Discharge Detection and Elimination" as described in the Permit:

(a) WAY will continue to monitor regulations and industry developments for suggested improvements to the ordinance.

(b) Upon request, hold a seminar for municipal employees on "Illicit Discharge Detection and Elimination". The seminar will be free or deeply discounted depending on the extent of financial resources available to WAY for the seminar.

**SECTION 4** During the term of this MOU, WAY agrees to provide the following service qualifying as "Post-Construction Runoff Control" as described in the Permit:

(a) WAY will continue to monitor regulations and industry developments for suggested improvements to the ordinance.

(b) Upon request, hold a seminar for municipal employees on "post-construction stormwater management". The seminar will be free or deeply discounted depending on the extent of financial resources available to WAY for the seminar.

**SECTION 5** During the term of this MOU, WAY agrees to provide the following service qualifying as "Pollution Prevention and Good Housekeeping" as described in the Permit:

(a) Upon request, hold a seminar for municipal employees on pollution prevention and good housekeeping. The seminar will be free or deeply discounted depending on the extent of financial resources available to WAY for the seminar.

**SECTION 6** In return for WAY's assistance, the Municipality will strive to improve, protect and conserve watershed quality within its boundaries through conservation, planning, education and public outreach. WAY and the Municipality recognize the importance of working together to achieve the aforementioned goals and hereby commit to continued cooperation and support of the other.

**SECTION 7** The term of this MOU will be for one year from its date of execution, and automatically renewable on a calendar year basis, by mutual agreement of the parties hereto unless notified in writing.

IN WITNESS WHEREOF, the parties hereto have executed this MOU on the date first above written.

ATTEST:

WATERSHED ALLIANCE OF YORK  
(WAY), INC.

Gary R. Peacock

Gary R. Peacock, Secretary

Mark Snyder

Mark Snyder, President

West Manchester Township  
Municipality

Jon V. Bubb

Name: Jon V. Bubb

Title: Chairman, Board of Supervisors

[Signature]  
, Secretary

**WEST MANCHESTER TOWNSHIP**  
**York County, Pennsylvania**

**RESOLUTION 2010 - 27**

**A RESOLUTION RENEWING THE MEMORANDUM OF UNDERSTANDING  
BETWEEN THE WATERSHED ALLIANCE OF YORK AND WEST  
MANCHESTER TOWNSHIP**

WHEREAS, the attached Memorandum of Understanding ("MOU") is by and between West Manchester Township and the Watershed Alliance Of York, Inc. ("WAY"); and

WHEREAS, this Memorandum of Understanding is being renewed as part of the above referenced relationship and in recognition of the Municipality's need to comply with certain ongoing requirements of the Pennsylvania Department of Environmental Protection MS4 Stormwater General Permit; and

WHEREAS, WAY wishes to provide assistance to West Manchester Township for stormwater education and cooperation as required by the MS4 Stormwater General Permit.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of West Manchester Township that the Memorandum of Understanding between West Manchester Township and Watershed Alliance of York, Inc. is hereby renewed and approved this 24<sup>th</sup> day of June, 2010.


IN WITNESS WHEREOF, the Board of Supervisors in and for West Manchester Township has taken the above action at its regular meeting on Thursday, this 24<sup>th</sup> day of June, Two Thousand and Ten (2010) as documented by the signatures of the Board of Supervisors and under the official seal of the Township, all attested and certified and complete by its Secretary.

Attested and Certified True and Correct      West Manchester Township Board of Supervisors

  
Kelly R. Kelch, Township Secretary

By:   
Mr. Jon V. Bubb - Chairman, Board of Supervisors

By: \_\_\_\_\_  
Mr. Dave Market- Vice Chairman, Board of Supervisors

By:   
Mrs. Rosa Hickey - Member, Board of Supervisors

## **MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION**

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**Public Involvement and Participation Plan  
West Manchester Township  
York County, Pennsylvania**

- I. The Township has entered into a Memorandum of Understanding (MOU) with the Watershed Alliance of York (WAY). WAY is a public-private partnership committed to being innovative leaders encouraging watershed planning, restoration and protection through locally led conservation, education and stewardship, in York County with the vision of productive land, clean water, biodiversity and sustainable economies. WAY performs a number of services that assures compliance to the Public Education and Outreach Minimum Control Measure described in the NPDES Phase II permit. The MOU with WAY ties the Township to WAY's services WAY prepares bi-monthly newsletters to update interested individuals on events and annual reports on the year's accomplishments.
- II. Students in West Manchester Township attend West York Schools. Opportunities are being reevaluated in West York Schools to educate students on the importance of watershed protection and stormwater management.
- III. A new ordinance for stormwater management and prohibition of illicit discharges and connections was drafted in conformance with the model ordinance included in the York County's Act 167 Integrated Water Resources Plan approved by the PA DEP on April 15, 2011. The new ordinance was adopted on April 26, 2012. Public notice was advertised regarding pending adoption of the new ordinance.
- IV. Township staff is involved in the permitting process and inspection of stormwater management structures.
- V. Township staff attend stormwater management related seminars and workshops.
- VI. Public works employees annually review the pollution prevention program for municipal operations and maintenance.



<b>2013-2014 Public Participation and Involvement:</b>						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
4/11/2013	Municipal Operations Analysis	Steve Callahan	York County Conservation District	Gary Peacock	MOA	
5/1/2013	American Rivers Green Infrastructure	M. Love	American Rivers		Financing Green Infrastructure	
5/15/2013	Township Resident	Z. Williams, Don and crew		Resident reported clogged drain.	Township removed debris from drain.	
5/17/2013	Designing the Next Generation of Stormwater Practices	Z. Williams	Alliance for the Chesapeake Bay	Tom Shueler, Chesapeake Stormwater Network	LID Practices, Developing a Chesapeake Bay Pollutant Reduction Plan and Local TMDL Guidance	
5/22/2013	York County Planning Commission Water Planning Workshop	Z. Williams	York Co. Planning Commission	Felicia Dell, John Seitz, Lindsay Gerner	Developing a County Wide Chesapeake Bay Pollutant Reduction Plan.	
6/3/2013	Township Resident	Z. Williams		Resident reported neighbor dumping grass clippings into inlet.	Debris was removed from inlet.	
6/20/2013	Stormwater Responses to Changes in Precipitation-driven Flooding and Land Use	M. Love	York County Emergency Services Center		Stormwater & Flooding	
8/22/2013	CLI Grant Seminar	Z. Williams	Susquehanna Riverlands, DCNR, DEP, DCED, Pennvest		Grants for recreation and conservation projects.	
9/19/2013	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	M. Love	York Co. Planning Commission, DEP, Center for Watershed Protection	Lindsay Gerner, Felicia Dell, Pam Shellenberger, John Seitz, Bryan Seipp	Introduce Planning Team, Provide Overview of the Plan, Discuss Municipal Expectations, Develop Steering Committee	

<b>2013-2014 Public Participation and Involvement:</b>						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
10/2/2013	Stormwater Facility Operation And Maintenance/A1	Z. Williams, Jay Sutton, JR Emenheiser, Andrew Scott	Pennsylvania Department of Transportation		Understanding stormwater runoff, Operation and maintenance of stormwater BMP's, stormwater in Carbonate Geology,	
10/3/2013	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	Z. Williams	York Co. Planning Commission	Lindsay Gerner	Discuss costs, training, betterways to educate public, and how program will work.	
10/29/2013	Stormwater Update 2013	K. Kelch	Stock & Leader		York Co. CBPRP	
11/7/2013	Stream and Buffer Ecology Workshop	Z. Williams	Stroud Water Research Center, Chesapeake Bay Foundation, DCNR	Dr. Sweeney	Stream Ecology/Forest Riparian Buffers	
11/19/2013	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	Z. Williams	York Co. Planning Commission	Brian Sipe, Felica Dell	Overview of the Regional CBPRP, CBPRP Requirements and Status.	
12/19/2013	Conservation Easement 101, Source Water Protection Through Land Conservation	Z. Williams	Farm & Natural Lands Trust, York Water Co.	Sean Kenny	Land conservation and how it benefits water resources.	
1/27/2014	MS4 Permit Requirements - Putting The Pieces Together	M. Love	Chesapeake Bay Foundation, URS	Melissa Bernardo Hess, Andy Wishart	Chesapeake Bay TMDL and MS4 Permit Requirements, Stormwater BMP's	
1/29/2014	MS4 Permit Requirements - Putting The Pieces Together	Z. Williams	Chesapeake Bay Foundation, URS	Melissa Bernardo Hess, Andy Wishart	Chesapeake Bay TMDL and MS4 Permit Requirements, Stormwater BMP's	
1/29/2014	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	M. Love	York Co. Planning Commission	Brian Sipe, Felica Dell	Review of Activities, Discuss Plan Requirements and Status, Cost sharing Formulas-Results	

<b>2013-2014 Public Participation and Involvement:</b>						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
2/26/2014	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	M. Love, Z. Williams	York Co. Planning Commission	Lindsay Gerner, Felicia Dell, John Seitz, Bryan Seipp	Overview of the Regional CBRP Requirements and Status.	
3/20/2014	Down & Dirty Details	Z. Williams, Matt Miller, Andy Scott	York Co. Coalition 4 Clean Waters	Lindsay Gerner, Jack Longstreet, Veronica Chavez, Gary Millbrand, Jeff Sholley	Forms and training to document for MS4 compliance	yes - forms
3/26/2014	RCBPRP COMMITTEE MEETING #4	Z. Williams, M. Love	York County Planning Commission	Lindsay Gerner, Bryan Seipp	cost shairing scenarios, planned projects	yes
4/30/2014	RCBPRP COMMITTEE MEETING #5	Z. Williams, M. Love	York County Planning Commission	Lindsay Gerner, Bryan Seipp, Felicia Dell	cost shairing scenarios, planned projects ratings	yes
4/30/2014	Ralph Brandt	Z. Williams	Township Resident - 1705 Misty Dr.		Mr. Brandt reorted that he believed some of the storm pipes or colverts were partially clogged in Derry Rd. area.	yes
5/6/2014	Margaret Hilbert	Z. Williams, S. Calahan	Township resident at 905 Stoverstown Rd.	Penn dot, York Rail, BAE, W. Manchester Twp.	Met at 905 Stoverstown Rd. to discuss water runoff from BAE and its effect on Hilberts prop.	
6/9/2014	Ensuring Water Quality in Your Watershed	Z. Williams	Penn State Extension	J.T. Hand, Vinnie Cotrone, David Wise	Green infrastructure in your watershed, Riparian Buffers, Maintenance of Buffer	yes
6/11/2014	RCBPRP COMMITTEE MEETING #6	Z. Williams, M. Love	York County Planning Commission, DEP	Lindsay Gerner, Felicia Dell, Lee Mcdonald	project selection, plan review, opt in process, Intergovernmental Agreement	yes

<b>2013-2014 Public Participation and Involvement:</b>						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
7/24/2014	Mike Laugerman	Z. Williams	Township resident at 885 Hess Rd.		Mr. Laugerman noticed sink holes in the adjoining properties detention pond and informed them of problem. Adjoiner repaired holes.	see pics
7/30/2014	RCBPRP COMMITTEE MEETING #7	Z. Williams, M. Love	York County Planning Commission, DEP	Lindsay Gerner, Felicia Dell	opt in process, Intergovernmental Agreement	no

# **PREPARE FOR THE STORM**



**Manchester, West Manchester, & Dover Townships  
present**

**Thursday April 17, 2014**

**6:30 pm – 7:30 pm**

Join us for this free event at the  
**Manchester Township building**  
3200 Farmtrail Road, York PA 17406-5699

**\*Check the next Newsletter for additional information\***



# PREPARE FOR THE STORM - PLEASE SIGN IN

Name	Address	Contact info	Municipality
Not Marked	1450 Newville Rd, Cortland, Pa. 16801	814-359-8614	Pennsylvania Rural Water
Laurel Oswalt	2480 W. Canal Road	717-298-7968	Dover PA
JEFF A. MYERS	1140 CHERRY ORCHARD RD DOVER	717-846-4805	DOVER TWP E.S. DAVIDSON, LLC
Monica Love	380 E. Berlin Rd, York	717-792-3505	W. Manch. Twp Dover Township
BILL JAMES	120 DAVIES DR YORK PA 17402	717-840-2990	YORK COUNTY
STEWART OLEWILER	3200 FARM TRAIL RD YORK PA 17406	717-764-4646 S.Olewiler@MANUTWP.COM	MANCHESTER TWP DOVER TWP
LORI TAMMIE	2369 READWOOD AD YORK PA 17408	717-792-3505	W. MAN. TWP
Chuck Donlon	2480 W. Canal Rd Dover PA 17315	717 292-3434	Dover Twp
MICHAEL DESHORE			MANCHESTER TOWNSHIP
CHUCK RICHARDS			DOVER TOWNSHIP

PLEASE PRINT

# BACKYARD COMPOSTING



**West Manchester, Dover & Manchester Townships**  
**present**

**Thursday October 17, 2013**

**6:30 pm – 7:30 pm**

**Presentation by:**

**John Geoghan**

West Manchester, Dover and Manchester Township staff members will be available to answer questions you have regarding the new stormwater ordinances and how they affect your property.

Join us for this free event at the  
**West Manchester Township building**  
380 East Berlin Road, York PA 17408

If you would like to be notified directly when these seminars are scheduled, please sign up below.

[illegible]

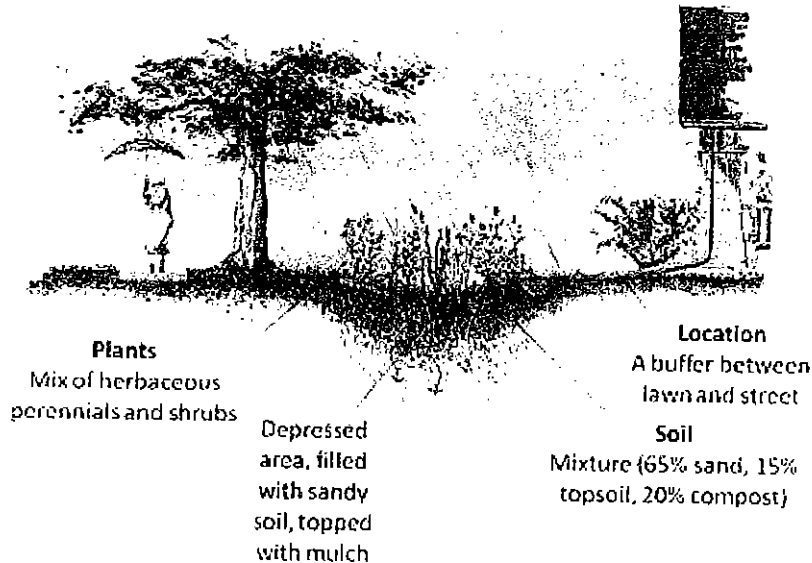


# **Dover & West Manchester Townships**

**Present**

## **≈ STORMWATER 2.0 ≈**

### **Rain Gardens, Compost and You**



**Thursday April 18, 2013**

**6:30 pm – 7:30 pm**

**Brief presentations by:**

Gary Peacock – Rain Gardening: Harvesting Rain Water for Homeowners

John Geoghan – Composting

Laurel Oswalt – Stormwater, You and Your Community

See the start of a rain garden in front of the Carousel Building and check back often through the season to watch it take shape and grow.

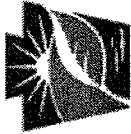
Join us for this free event at the  
**Carousel Building in Brookside Park**  
Fox Run Road, Dover PA 17315



# Penn State **Extension**

## Ensuring Water Quality in Your Watershed

Sponsored by:



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

York Water Company Education  
Center  
296 Hess Farm Road,  
York, Pennsylvania 17403



### Registration Fees:

\$25 General Registration

\$10 Students and Municipal Representatives

### Register and Pay online:

Credit card or

Check payable to "PSCE Program Fund"

### Register online:

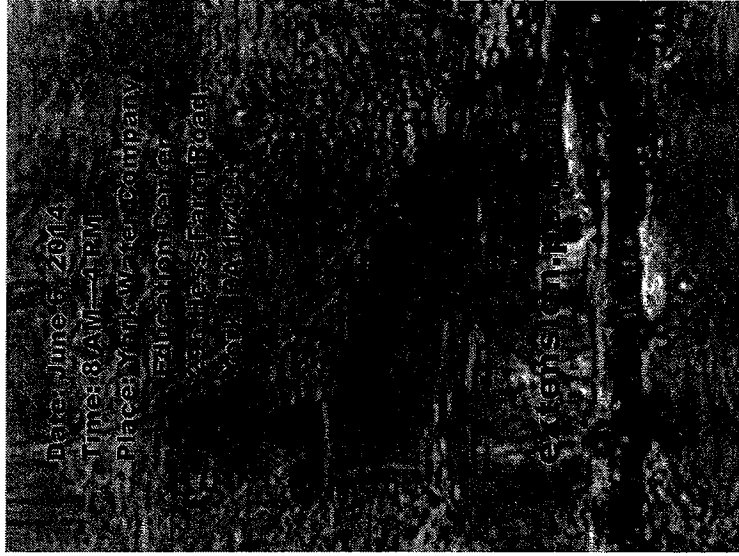
<http://extension.psu.edu/watershed-quality>

### Register by phone:

Lisa Irizarry  
York Cooperative Extension  
112 Pleasant Acres Rd, Wing J  
York, PA 17402  
(717) 840-7408

The Pennsylvania State University encourages qualified persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Diane Oleson, by Email [djo13@psu.edu](mailto:djo13@psu.edu) or phone 717-840-7429 in advance of your participation or visit.

The University is committed to equal access to programs, facilities, admission and employment for all persons. It is the policy of the University to maintain an environment free of harassment and free of discrimination against any person because of age, race, color, ancestry, national origin, religion, creed, service in the uniformed services (as defined in state and federal law), veteran status, sex, sexual orientation, marital or family status, pregnancy, pregnancy-related conditions, physical or mental disability, gender, perceived gender, gender identity, genetic information or political ideas. Discriminatory conduct and harassment, as well as sexual misconduct and relationship violence, violates the dignity of individuals, impedes the realization of the University's educational mission, and will not be tolerated. Direct all inquiries regarding the nondiscrimination policy to Dr. Kenneth Lehman III, Vice Provost for Affirmative Action, Affirmative Action Office, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901, Email: [kfl2@psu.edu](mailto:kfl2@psu.edu), Tel (814) 863-0471.

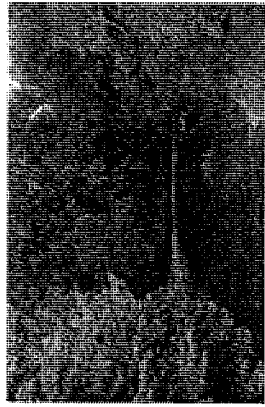


**PENNSTATE**



Cooperative Extension  
College of Agricultural Sciences

Research has demonstrated the value of trees in reducing stormwater runoff, urban pollution and improving water quality and infiltration in a watershed. Please join us for a day long workshop on high priority watershed issues affecting water quality and quantity.



#### Comments from previous workshops:

This is excellent conference!

Appreciate the CEU's but would come again even without them. Great!

And a very good \$ value...

Outstanding time management and selection of speakers.

Very good range of presenters with solid background and experience.

Very well informed, speakers and provided great overview and detail about issues.

#### 5 CEU hours will be awarded for the following:

PLNA Certified Horticulturists (PCH)

PA-DE Chapter of ASLA Landscape Architects

ISA Certified Arborists

Pennsylvania Society of Professional Engineers (PDHs)

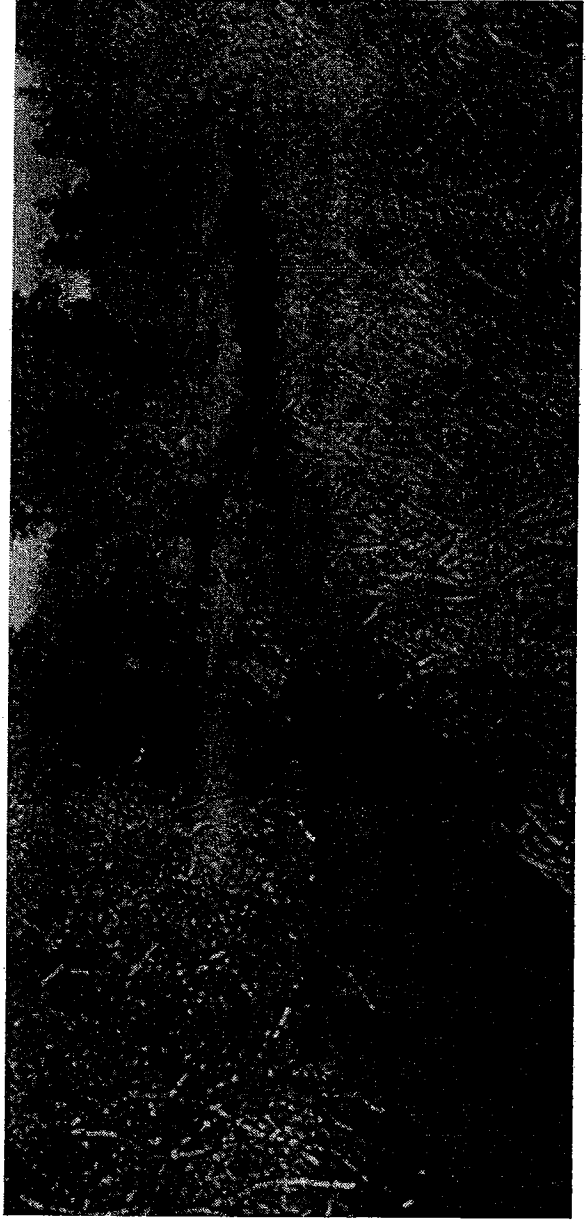
PLANET Landscape Industry Certified Technicians

A workshop on high priority watershed issues affecting water quality and quantity across the Commonwealth of Pennsylvania.

Topics include: Green Infrastructure, Riparian Buffers & Maintenance, Conservation Easements, Invasive Species Management and Control.

**Registration deadline is Monday, June 2, 2014.**

**Walk-in registration will be allowed if space permits. Payment must be cash or check and refreshments are not guaranteed.**



# Penn State **Extension**

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## **Ensuring Water Quality in Your Watershed**

**Monday, June 9, 2014**

**York Water Company Employee Education Center**

**Workshop Agenda**

**Purpose:**

**8:00 am (45 min) Registration - Continental Breakfast**

**8:45– 9:00 am (15 min) Welcome and Introduction**

**9:00 - 9:30 am (30 min) York Water Company Source Water Protection Plan**

J.T. Hand, Chief Operating Officer, York Water Company

**9:30 – 10:30 am (60 min) Green Infrastructure in your Watershed**

Vinnie Cotrone, Extension Community Forester, Penn State Ecosystem Science & Management

**10:15 am - 10:30 am (15 min) Break**

**10:30 am - 11:15 am (45 min) Riparian Buffers and Benefits**

David Wise, Watershed Restoration Manager, Stroud Water Research Center

**(11:15 - 12:00 pm (45 min) York County WIP**

John Seitz, Senior Planner, York County Planning Commission

**12:00 - 12:45 pm (45 min) Lunch**

**12:45- 1:45 pm (60 min) Maintenance of Your Buffer**

David Wise, Watershed Restoration Manager, Stroud Water Research Center

**1:45 - 2:45 pm (60 min) Invasive Plants Management**

Vinnie Cotrone, Extension Urban Forester, Penn State Ecosystem Science & Management

**2:15 – 2:30 pm (15 min) Break**

**2:30 – 4:00 pm (45 min) Onsite BMP Study**

Jayson Romig, President, Ecostruction, LLC

**4:00 – 4:15 pm (15 min) Evaluation & Adjourn**

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**PENNSTATE**



**Cooperative Extension**  
*College of Agricultural Sciences*

## Zane Williams

---

**From:** Penn State Extension <ExtensionRegistration@ag.psu.edu>  
**Sent:** Tuesday, May 06, 2014 2:53 PM  
**To:** Zane Williams  
**Subject:** Registration Confirmed - Ensuring Water Quality in Your Watershed



Dear Zane:

Thank you for registering for Ensuring Water Quality in Your Watershed! Your registration has been confirmed. Please save this email for future reference.

**Event:** Ensuring Water Quality in Your Watershed

**Attending:** Zane Williams

**Number in Party:** 1

**When:** Monday, June 9, 2014 8:00 AM - 4:00 PM

**Where:** York Water Company Education Center, 296 Hess Farm Road, York, Pennsylvania 17403

**Confirmation Number:** D6NSQQFNVC2

**Current Registration:**

Registration Information:	
Registration Items	
Zane Williams	Ensuring Water Quality in Your Watershed

View your online registration confirmation and agenda. You will be asked to enter your confirmation number: D6NSQQFNVC2.

### **Paying by Check?**

If you are making payment by check, please make your check payable to "**PSCE Program Fund**" and mail with a copy of your registration confirmation to:

Ensuring Water Quality in Your Watershed  
Penn State Extension York County  
112 Pleasant Acres Road - Wing J  
York, PA 17402

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### **Cancellation/Refund Policy**

Cancellations received up to **Friday, June 6, 2014**, will receive a full refund. No refunds will be issued after this date.

The University reserves the right to cancel or postpone any event due to insufficient enrollment or other unforeseen circumstances. If an event is canceled or postponed, the University will refund registration fees but cannot be held responsible for other costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies.

Sincerely,

Penn State Extension  
[ExtensionRegistration@ag.psu.edu](mailto:ExtensionRegistration@ag.psu.edu)

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This email message was sent to [zwilliams@westmanchestertownship.com](mailto:zwilliams@westmanchestertownship.com). To ensure delivery of future emails to your inbox, please add [ExtensionRegistration@ag.psu.edu](mailto:ExtensionRegistration@ag.psu.edu) to your address book.

Penn State Extension, Ag Administration Building, University Park, PA 16802

Your payment for the Ensuring Water Quality in Your Watershed event has been successfully processed. Please save this email for your records.

Event Title: Ensuring Water Quality in Your Watershed  
Registration Confirmation Number: D6NSQQFNVC2

**Transaction Information:**

Item	Transaction Information	Quantity	Amount
Ensuring Water Quality in Your Watershed		1	\$10.00
	<b>Transaction Total</b>		<b>\$10.00</b>

If you have any questions about this transaction or email, please contact Penn State Extension directly at [ExtensionRegistration@ag.psu.edu](mailto:ExtensionRegistration@ag.psu.edu).

To view the details of your registration, go to:  
[Click here](#)

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powered by  
**cvent**



# The York County Coalition 4 Clean Waters invites you to: **Down & Dirty Details**

MS4 Permits require Municipalities to **DOCUMENT, DOCUMENT, DOCUMENT**. If it's not documented, it didn't happen. This workshop will provide municipalities with the forms and training needed to document for MS4 compliance.

**When:** Thursday, March 20th  
9 am – 11:30 am

**Where:** York Township Administrative  
Office Building, Lower Level  
190 Oak Rd  
Dallastown PA 17313

**Presenters include:**

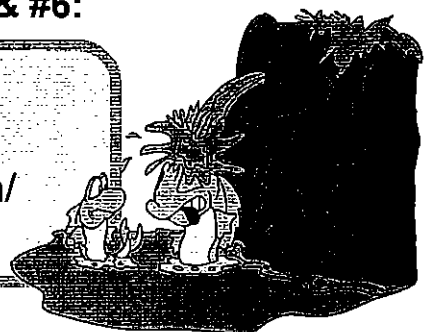
- York Township
- York City
- YCPC

**Who:** Public Works, Road Crews, Municipal Managers

**RSVP:** by Thursday, March 13<sup>th</sup> to Lindsay Gerner at  
[ycc4cw@ycpc.org](mailto:ycc4cw@ycpc.org) or (717) 771-9870 **\*\*Space is Limited\*\***

Workshop topics include an EPA Audit Experience  
and the following Forms for MCM's #2, #3, #5, & #6:

- |                       |                         |
|-----------------------|-------------------------|
| • Street Vacuuming    | • Illicit Discharge     |
| • Inlet Inspection    | • Stormwater BMP's      |
| • Inlet & Catch Basin | • Pollution Prevention/ |
| • Outfall Inspection  | Good housekeeping       |



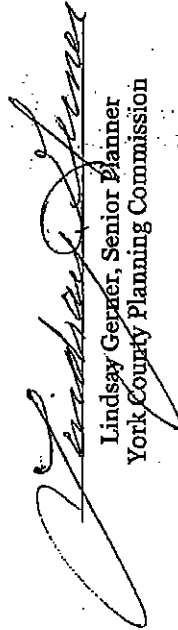
# CERTIFICATE OF COMPLETION

THIS CERTIFIES THAT

**Zane Williams**

has attended the technical presentation  
MS4 Down and Dirty Details Workshop (2.0 hours)  
MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations

Offered by the York County Coalition for Clean Waters, York Township, and York City  
at York Township on March 20th 2014.

  
Lindsay Gerzer, Senior Planner  
York County Planning Commission



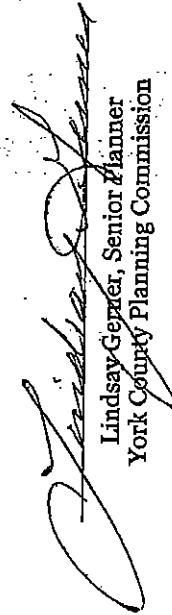
# CERTIFICATE OF COMPLETION

THIS CERTIFIES THAT

**Matt Miller**

has attended the technical presentation  
MS4 Down and Dirty Details Workshop (2.0 hours)  
MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations

Offered by the York County Coalition for Clean Waters, York Township, and York City  
at York Township on March 20th 2014.

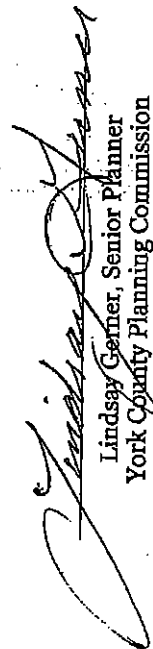
  
Lindsay Gerzer, Senior Planner  
York County Planning Commission

# CERTIFICATE OF COMPLETION

THIS CERTIFIES THAT

**Andy Scon**

has attended the technical presentation  
MS4 Down and Dirty Details Workshop (2.0 hours)  
MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations  
Offered by the York County Coalition for Clean Waters, York Township, and York City  
at York Township on March 20th 2014.

  
Lindsay Gerner, Senior Planner  
York County Planning Commission

This document certifies that

**ZANE WILLIAMS**

completed a 1 hour professional development webinar.

**COURSE DATE**

**Wednesday, March 26, 2014**

**WEBINAR TITLE**

**Estimating Pollutant Loads & Managing BMPs**



**CHESAPEAKE BAY FOUNDATION**  
*Saving a National Treasure*

**URS**

**West Manchester  
Township**  
(717) 792-3505



**380 East Berlin Road  
York, Pa. 17408**  
fax: (717) 792-4374

Website: [www.westmanchestertownship.com](http://www.westmanchestertownship.com)

E-mail: [info@westmanchestertownship.com](mailto:info@westmanchestertownship.com)

May 15, 2013

To: MCM 2 Public Participation & Involvement File

From: Zane Williams  
380 East Berlin Road  
York, PA 17408  
(717) 792-3505

Re: Township Resident reporting a clogged storm drain.  
Amethyst Road  
West Manchester Township

On 5/15/13 the township received a phone call from a Resident concerning a clogged storm drain on Amethyst Road between Topaz & Sapphire Roads. A field inspection was performed and confirmed that the two 36" cmp pipes were definitely clogged with debris (tree branches, leaves, grass, trash, and silt). The Township brought in a backhoe and dump truck and proceeded to clean out the debris (see pics).

Sincerely,

Zane Williams  
Stormwater Inspector/MS4 Coordinator

PUBLIC MEETING MINUTES

March 28, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

**ATTENDANCE**

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman Rosa Hickey, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

**PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance was recited.

**EXECUTIVE SESSION**

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

**PUBLIC COMMENTS**

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

**APPROVAL OF MINUTES**

The minutes of the February 28, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the February 28, 2013, regular public meeting as presented.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

Nothing presented.

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**West York Area School District:** Representatives of West York School District appeared to request Board review of a site plan for proposed renovations to the Wallace Elementary School located at 2065 High Street. The Applicant requested Board review prior to submission because of their request to allow two (2) access drives onto High Street. The Township's Access Drive Ordinance states that only one (1) access onto a public street is permitted unless granted permission from the Board of Supervisors for a second. After review of the plan, the Board granted permission for the two (2) access drives onto High Street.

**SEO Appointment:** Motion to appoint Robert W. Whitmore, SEO, The Earth Doctor, Inc., as the Township's alternate sewage enforcement officer for the remainder of 2013.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. There were no additional questions or comments for Love.

120243

- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed There were no additional questions or comments for Callahan.

#### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love is available Monday thru Friday, 8 am to 5 pm to answer any questions relating to storm water management. Love indicated the Township will be conducting several seminars geared to providing education and materials to Township residents relating to storm water issues and regulations.

#### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-03 Fund 01	14605- 14707	\$ 394,671.23
WMT Sewer Fund	1437 – 1453	\$ 131,109.73
Payroll: Pay Period Ending 02/23/13	Paytime Vouchers	\$ 129,547.69
Payroll: Pay Period Ending 03/09/13	Paytime Vouchers	\$ 130,138.40
Payroll: Pay Period Ending 03/23/13	Paytime Vouchers	\$ 144,385.75

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

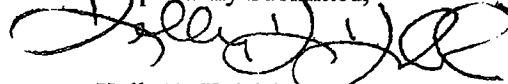
#### ADJOURNMENT

Motion to adjourn the regular meeting at 7:10 p.m.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,



Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE:  
SECOND:  
DATE:

D. Markel  
R. Hickey  
4/25/13

# PUBLIC MEETING MINUTES

April 25, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

## ATTENDANCE

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman Rosa Hickey, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

## PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

## EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

## PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

## APPROVAL OF MINUTES

The minutes of the March 28, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the March 28, 2013, regular public meeting as presented.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY



**OPEN FLOOR DISCUSSION**

Nothing presented.

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**Resolution 13-09:** Motion to adopt Resolution 13-09, recognizing Sid Goodling for his service to the West Manchester Township Police Department.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Ordinance 13-02:** Motion to adopt Ordinance 13-02, raising the fee for certification of payment or non-payment of real estate taxes by the Tax Collector from \$10 to \$20.

MOTION: R. Hickey

SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Ordinance Authorization:** Motion to authorize staff to prepare and advertise an Ordinance prohibiting parking on the northeast side of Bretton Lane between Normandie Drive and Normandie Drive. A traffic and engineering study was completed supporting this request.

MOTION: R. Hickey

SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Brewery Products Access Drive:** Brewery Products is requesting Board permission to allow two (2) modifications to the Access Drive Ordinance. One modification deals with having more than one (1) access drive; the second modification deals with having a curb cut that exceeds thirty-five (35) feet in width as measured at the property line. After review of the plan the Board granted permission to allow the two (2) modifications.

**Bid Award – Storm Sewer Upgrade:** Motion to award a contract to Trinity Excavating of York, in the amount of \$185,702.00, to complete a storm sewer upgrade project on Wolf's Church Road. Two (2) bids were received as follows:

- |    |                            |               |
|----|----------------------------|---------------|
| 1. | Trinity Excavating of York | \$ 185,702.00 |
| 2. | Shiloh Paving              | \$ 200,000.00 |

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Road Material Bids:** Motion to award contracts for road materials as follows, and as outlined on the attached Bid Tabulation Sheet:

- 1. Stone – Kinsley Materials
- 2. Superpave – York Materials Group, LLC
- 3. Microsurfacing – Stewart & Tate
- 4. Handicap Ramps – Pantano Concrete, LLC
- 5. Traffic Line & Symbol Painting – Alpha Space Control

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Auditor Appointment:** Motion to appoint Maher Duessel as the Township’s appointed auditor for audits covering the financial years of 2013, 2014, and 2015.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Authorization to Participate:** Motion to authorize the West Manchester Township Fire Fighters and Fire Police to participate in the following parades:

- 1. West York Memorial Day Parade May 27, 2013
- 2. York County Firemen’s Convention & Parade August 17, 2013

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer’s report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier’s report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols’ report was reviewed. There were no additional questions or comments for Nichols.

- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

#### **STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love is available Monday thru Friday, 8 am to 5 pm to answer any questions relating to storm water management. Love indicated the Township held its second Stormwater Seminar, "Rain Gardens, Compost, and You", in conjunction with Dover Township on April 18<sup>th</sup>, 2013, with 56 people in attendance. Love also reported that the Township has hired a full-time Stormwater/MS4 Inspector who is available 8 am to 4:30 pm, Monday through Friday to answer any questions a resident may have pertaining to storm water management.

#### **APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-04 Fund 01	14708- 14843	\$ 259,229.54
WMT Sewer Fund	1454 – 1479	\$1,482,822.09
Payroll: Pay Period Ending 04/06/13	Paytime Vouchers	\$ 131,918.41
Payroll: Pay Period Ending 04/20/13	Paytime Vouchers	\$ 139,133.38

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

#### **ADJOURNMENT**

Motion to adjourn the regular meeting at 7:15 p.m.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,



Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE:

D. Mackel

SECOND:

R. Hickey

DATE:

5/23/13

120243

PUBLIC MEETING MINUTES

May 23, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

ATTENDANCE

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman Rosa Hickey, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Roxanne Miller, 2480 Manor Road, appeared to inquire about the status of a neighboring property, 2488 Manor Rd, which has been vacant for a number of years. Kelch explained that while the property has been vacant the property owner continues to pay the taxes. The Township does not want to force the property owner to demolish the home. The Zoning Officer will continue to monitor the property making sure the property owner keeps it secured. Township Solicitor Herrold recommended Ms. Miller hire an Attorney.

APPROVAL OF MINUTES

The minutes of the April 25, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the April 25, 2013, regular public meeting as presented.

MOTION: D. Markel  
SECOND: R. Hickey

## MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

**Presentation of Resolution:** Police Officer Jeff Oberdorff appeared to present Resolution 13-09 to Sid Goodling recognizing his contribution to the police department. Mr. Goodling has assisted the police department with its fleet of shotguns and has provided his services at no cost to the Township.

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**Resolution 13-10:** Motion to adopt Resolution 13-10, acknowledging Albright Care Services (Normandie Ridge) intention to finance or re-finance some of its debt. Albright Care Services needs the Township's acknowledgement in order to maintain their tax exempt status.

MOTION: R. Hickey  
SECOND: D. Markel

## MOTION PASSED UNANIMOUSLY

**Ordinance 13-03:** Motion to adopt Ordinance 13-03, prohibiting parking on the northeast side of Bretton Lane from Normandie Drive to Normandie Drive.

MOTION: D. Markel  
SECOND: R. Hickey

## MOTION PASSED UNANIMOUSLY

**Sale of Vehicles:** Motion to authorize staff to prepare and advertise a Legal Notice to sell six (6) vehicles at Adesa Auction, 30 Industrial Road, York, PA 17406. The sale will be held on June 12, 2013.

MOTION: R. Hickey  
SECOND: D. Markel

## MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. **Recreation Director:** Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. **Finance Director:** Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.

120243

- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. Smith indicated a National Drug Take Back Program was held April 27, 2013 with 371 tons of medication collected. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

#### **STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 5 pm to answer any questions relating to storm water management.

#### **APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-05 Fund 01	14844- 14961	\$ 460,694.52
WMT Sewer Fund	1480 – 1501	\$1,012,197.07
Payroll: Pay Period Ending 05/04/13	Paytime Vouchers	\$ 140,638.54

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

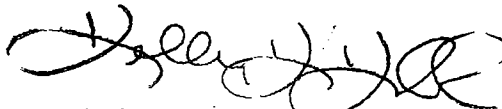
#### **ADJOURNMENT**

Motion to adjourn the regular meeting at 7:30 p.m.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,



Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE:

R. Hickey

SECOND:

D. Markel

DATE:

6/27/13

120243



## PUBLIC MEETING MINUTES

June 27, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

### ATTENDANCE

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman Rosa Hickey, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

### PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

### EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

### PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

### APPROVAL OF MINUTES

The minutes of the May 23, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the May 23, 2013, regular public meeting as presented.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

**Presentation of Resolution:** Manager Kelch presented Resolution 13-11 recognizing public works employees Aaron Estep, Andrew Scott, Dennis "J.R." Emenheiser, and Jay Sutton for winning the Team Competition at the Susquehanna Trust 3<sup>rd</sup> Annual Safety at Work Competition. Motion to adopt Resolution 13-11 as presented.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**Resolution 13-12:** Motion to adopt Resolution 13-12, amending the Fees, Rates, and Costs for West Manchester Township for 2013, adding a Stormwater Site Plan at \$25, and Administrative Fee for Zoning Permits at \$10.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Resolution 13-13:** Motion to adopt Resolution 13-13, Destruction of Records – Finance Dept.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Fireworks Permit:** Motion to conditionally approve a fireworks permit pending final on-site inspection, for the Olde Tyme Carnival on Tuesday, July 23, 2013 with a rain date of July 24, 2013.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**5K Run:** Motion to approve a request from Prudential Bob Yost Homesale Services to conduct a 5K Run on October 5, 2013, beginning with registration at 7:30 am. The run will start in their Kenneth Road parking lot, proceed onto Kenneth to Trolley to Normandie to Kenneth and back to Prudential for the finish. Proceeds will benefit Sunshine Kids, kids with cancer.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Ordinance 13-04:** Motion to table Ordinance 13-04 prohibiting parking on the southwest side of Bretton Lane from Normandie Drive to Normandie Drive and repealing Ordinance 13-03 adopted on May 23, 2013.

Residents of Bretton Lane appeared to speak out against restricting parking as follows:

Dave Barshinger, 1936 Bretton Lane, indicated he is confused about what side of the road is the odd numbered side. He also inquired if making the road one-way has been considered.

Al Sabol, 1937 Bretton Lane, noted Bretton Lane is not a main thoroughfare and there is already a problem with parking on the street during holidays and family functions.

Paul Fleck, 1949 Bretton Lane, suggested restricting parking during snow events in order for the road to be thoroughly cleared of snow.

Manuella Washington, 1942 Bretton Lane, noted emergency vehicle access has never been an issue and she would like to see things stay the way they are.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Ordinance Authorization:** Motion to table preparation and advertisement of an ordinance prohibiting parking on the east side of North Drive between Brougner Lane and Loucks Road. Staff will re-visit the site to determine if a parking restriction is warranted.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Waiver Request:** Brad Hengst, S.E.O. for West Manchester Township appeared to present a request for a waiver for 2201-2203 Taxville Road, from Section 72.33(a) of the Pennsylvania Environmental Code which requires a well isolation distance of at least 100 feet from an existing well. The proposed drain field will be within approximately 83 feet of the existing well. The property owner, Jack Shearer, must sign an agreement releasing West Manchester Township and its Sewage Enforcement Officer from any and all liability if the well should become contaminated as a result of the location of the septic system.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Bid Awards:** Motion to award contracts as follows:

1. Wilt Drive Sanitary Sewer Repair to H & H General Excavating, Inc., at a bid price of \$66,200.00.

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- 2. Market Street Pump Station Flood Proofing Project, General Construction, to PSI Pumping Solution, Inc., at a bid price of \$ 49,700.00; and Electrical Construction to PSI Pumping Solution, Inc., at a bid price of \$59,300.00.
- 3. Brookmar Drive Storm Sewer Repairs to Trinity Excavating at a bid price of \$38,550.00.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**S.E.O. Appointment:** Motion to rescind the appointment of Robert W. Whitmore as an alternate Sewage Enforcement Officer for West Manchester Township due to a disagreement on pricing.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Permit Denial Appeal:** Motion to approve a request from Paul Flaherty, 2312 Wedgewood Way, appealing the decision of the West Manchester Township Zoning Officer to connect a sump pit in the basement of 2312 Wedgewood Way to the Township storm sewer. Solicitor Herrold will prepare an agreement to be executed by Mr. Flaherty which will permit the Township to come on the property to verify and/or check on the connection to the storm sewer.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. Smith indicated a National Drug Take Back Program was held April 27, 2013 with 371 tons of medication collected. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.

- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

#### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 5 pm to answer any questions relating to storm water management.

#### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-06 Fund 01	14962- 15098	\$ 490,288.90
WMT Sewer Fund	1502 - 1526	\$ 539,819.17
Payroll: Pay Period Ending 05/18/13	Paytime Vouchers	\$ 139,286.56
Payroll: Pay Period Ending 6/01/13	Paytime Vouchers	\$ 139,344.61

MOTION: R. Hickey  
SECOND: D. Markel

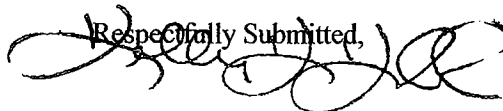
MOTION PASSED UNANIMOUSLY

#### ADJOURNMENT

Motion to adjourn the regular meeting at 7:50 p.m.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,  


Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE: D. Markel  
SECOND: R. Hickey  
DATE: 7/25/13

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## PUBLIC MEETING MINUTES

July 25, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

### ATTENDANCE

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman Rosa Hickey, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

### PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

### EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

### PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Dave Barshinger, 1936 Bretton Lane, appeared to thank the Board for listening to the residents of Bretton Lane, who appeared at the June Board meeting, and not instituting a parking restriction on Bretton Lane.

Sue Weaver, 2673 Brookmar Dr., appeared to inquire what the time frame is to repair the sink hole on Brookmar in the vicinity of her home; and if the repair work would include street repair. Township Engineer Craig Wilson indicated the hope is that it will be approximately 3 weeks until work begins, depending on weather and receipt of the required documentation from the contractor. Repair work will include repairing the street. Weaver also indicated there is green film in the creek and she noticed two dead frogs. Fire Chief Nichols stated the fire department was called out to check the creek and the green film is actually algae.

Jeff Toomey, Barrington Rd., appeared to express his concern about a neighbor who lets her cats roam outside many of which use his yard as their toilet. He has spoken to the neighbor who is unwilling to keep her cats indoors. Toomey asked the Board for help in addressing this situation, as he feels the cats have more rights than he does. Township Manager Kelch noted the Township does not have an ordinance

regulating cats and there is not a state cat law similar to the state dog laws. After discussion, the Board requested Chief Smith or Manager Kelch to check with State Representative Grove to see if the state would consider instituting regulations pertaining to cats. Manager Kelch will also inquire what other municipalities in the area are doing to address stray cat issues. Toomey was also advised that the cats could be trapped and taken to the SPCA.

**APPROVAL OF MINUTES**

The minutes of the June 27, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the June 27, 2013, regular public meeting as presented.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

**T-781 West York Area School District:** A representative of K&W Engineering appeared to present the West York Area School District Final Lot Consolidation Plan for the high school and middle school at 1800 and 1820 Bannister Street.

Motion to approve T-781 West York Area School District Final Lot Consolidation Plan with the following waivers:

- 1. Section 121-15.C – Providing Existing Features within 200’ of the property.
- 2. Section 121-25 – Providing sidewalk and curb along the frontages of the entire property.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Motion to approve T-781 West York Area School District Final Lot Consolidation Plan with the following conditions:

- 1. All administrative items shall be addressed prior to plan recording.
- 2. All final plans, as recorded, shall be submitted in electronic format (i.e. PDF).

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**T-785 Polli Equities:** Jim Barnes with James R. Holley & Associates appeared to present the Polli Equities, Ltd., Final Land Development Plan located at 1100 Greenwood Road.

Motion to approve the Polli Equities, Ltd., Final Land Development Plan with the following waivers:

- 1. Section 129 – Preliminary Plan
- 2. Section 121-14.C(3) & 121-15.C – Locate existing features within 200’ of the subject property (rights-of-way, cartways for streets, sanitary sewer mains, water supply, etc.).
- 3. Section 121.14F.1 – Transportation Impact Statement.



MOTION: D. Markel  
 SECOND: R. Hickey

**MOTION PASSED UNANIMOUSLY**

Motion to approve the Polli Equities, Ltd., Final Land Development Plan with the following conditions:

1. All outstanding stormwater management comments from the Township Engineer shall be addressed prior to recording.
2. All administrative items shall be addressed prior to plan recording.
3. All final plans, as recorded, shall be submitted in electronic format (i.e. PDF).

MOTION: R. Hickey  
 SECOND: D. Markel

**MOTION PASSED UNANIMOUSLY**

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**Road Closure Request:** Motion to approve a request from Vicki Blouse, 1927 Filbert Street, to close the 1900 block of Filbert St. to hold their annual block party on Saturday, August 24, 2013, from 3 pm to 9 pm.

MOTION: R. Hickey  
 SECOND: D. Markel

**MOTION PASSED UNANIMOUSLY**

**Release of Security:** Motion to approve a request from Iron Bridge Landing, Phases II and III, to release all remaining surety and escrow. A letter from C. S. Davidson is on file supporting this request.

MOTION: D. Markel  
 SECOND: R. Hickey

**MOTION PASSED UNANIMOUSLY**

**Ordinance Authorization:** Motion to authorize staff to prepare and advertise an ordinance designating a handicap parking space at 2020 W. Philadelphia Street. A traffic and engineering study was completed supporting this request.

MOTION: D. Markel  
 SECOND: R. Hickey

**MOTION PASSED UNANIMOUSLY**

**ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. Trimmer thanked the Township Public Works Department and Fire Police for their help during the Olde Tyme Carnival. Trimmer also acknowledged the Stewart Foundation who sponsored the fireworks; and 1<sup>st</sup> Capital Storage for the use of a moving truck which proved very helpful in moving supplies, etc. to and from the park. The Board acknowledged the Recreation Department for their hard work in putting the carnival together. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. Manager Kelch introduced Remington Williams, an intern from York College, who has been assisting various departments throughout the summer. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

**STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 5 pm to answer any questions relating to storm water management.

**APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-07 Fund 01	15099 - 15214	\$ 251,794.54
WMT Sewer Fund	1527 - 1545	\$ 156,471.02
Payroll: Pay Period Ending 06/15/13	Paytime Vouchers	\$ 147,291.64

Payroll: Pay Period Ending 06/29/13	Paytime Vouchers	\$ 145,505.26
Payroll: Pay Period Ending 07/13/13	Paytime Vouchers	\$ 151,602.66

MOTION: R. Hickey  
 SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

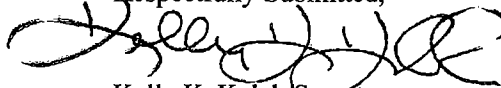
### ADJOURNMENT

Motion to adjourn the regular meeting at 7:35 p.m.

MOTION: D. Markel  
 SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,



Kelly K. Kelch/Secretary  
 Kelly Palmer/Stenographer

MOTION TO APPROVE:

D. Markel

SECOND:

R. Hickey

DATE:

8/22/13

PUBLIC MEETING MINUTES

August 22, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

ATTENDANCE

- Supervisor's Present: Steve Harlacher, Chairman  
Dave Markel, Vice-Chairman  
Rosa Hickey, Supervisor
- Staff Present: Kelly Kelch, Township Manager  
Kelly Palmer, Stenographer  
John Herrold, Solicitor  
Craig Wilson, Township Engineer  
Dave Nichols, Fire Chief  
Lori Trimmer, Recreation Director  
Stephen Callahan, Public Works Director  
Wendy Boutilier, Finance Director  
Monica Love, Zoning Officer  
Arthur Smith, Chief of Police

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PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Jeff Toomey, Barrington Rd., appeared to follow up on the complaint he filed with the Board in August regarding his neighbors free roaming cats. Manager Kelch did check with the SPCA who informed him there is a return animal fee when someone comes in to claim an animal. The fee increases each time an owner returns to claim the same animal. Toomey will meet with Representative Grove to discuss the issue.

APPROVAL OF MINUTES

The minutes of the July 25, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the July 25, 2013, regular public meeting as presented.

- MOTION: D. Markel
- SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

Nothing presented.

**UNFINISHED BUSINESS**

**Ordinance 13-04:** Motion to adopt Ordinance 13-04, repealing Ordinance 13-03, which prohibited parking on the northeast side of Bretton lane from Normandie Drive to Normandie Drive.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**NEW BUSINESS**

**Resolution 13-14:** Motion to adopt Resolution 13-14, honoring the West York Bulldogs Baseball Team for winning the PIAA Class AAA Baseball Championship for the 2<sup>nd</sup> year in a row.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

The Board congratulated the team and coaches on their successful season. Signs were made by the Township and will be posted on most entry points to the Township.

**Ordinance 13-05:** Motion to adopt Ordinance 13-05, establishing a handicap parking space at 2020 W. Philadelphia Street. A traffic and engineering study, as well as staff review, supports this request.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Aerial Fireworks Application:** Motion to approve a request from White Rose Thunder, LLC, to hold an aerial pyrotechnic display on Saturday, September 28, 2013 at the York Fair Grounds.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Worker's Compensation Coverage:** Motion to approve a request from the West Manchester Township Fire and Emergency Services staff to attend and provide coverage at the following two (2) events:

- 1. York Fair Parade – September 11, 2013
- 2. White Rose Thunder aerial pyrotechnic display- Saturday September 28, 2013

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Polli Equities:** Motion to approve an Improvement Guarantee for Polli Equities, 1100 Greenwood Rd., which determines financial security be posted in the amount of \$8,525.00 for this project. A letter from the Township Engineer is on file establishing the amount of surety.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Pension Plan Change:** Motion to approve a request from the West Manchester Township Pension Committee to change pension plan managers from Counsel Trust to Unified Trust.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

ADMINISTRATIVE REPORTS

- A. Recreation Director: Trimmer’s report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier’s report was reviewed. Boutilier reported the York Adams Tax Bureau will be distributing unallocated tax funds totaling \$67,000 in the near future. She also reported the Township received a \$530 Safety Grant which will be used to purchase a storage cabinet for flammables for the Public Works Department. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols’ report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith’s report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch’s report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood’s report was reviewed. Wilson indicated he is working on applying for a grant from FEMA to help with the cost of the pump station work. There were no additional questions or comments for Dawood.

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- G. Zoning Officer: Loves' report was reviewed Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. Love also noted the Township's 3<sup>rd</sup> MS4 Workshop is scheduled for October 17<sup>th</sup> to be held at the Township Building and the topic will be Backyard Composting. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed There were no additional questions or comments for Callahan.

#### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management. A workshop will be held on October 17<sup>th</sup> at the Township Building covering Backyard Composting.

#### APPROVAL OF BILLS

Bills: Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-08 Fund 01	15215 - 15333	\$ 500,713.61
WMT Sewer Fund	1546 - 1562	\$ 41,663.40
Payroll: Pay Period Ending 07/27/13	Paytime Vouchers	\$ 144,365.96
Payroll: Pay Period Ending 08/09/13	Paytime Vouchers	\$ 140,008.25

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

#### ADJOURNMENT

Motion to adjourn the regular meeting at 7:20 p.m.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,

Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE: \_\_\_\_\_

SECOND: \_\_\_\_\_

DATE: \_\_\_\_\_

120243



## PUBLIC MEETING MINUTES

September 26, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

### ATTENDANCE

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman
Supervisor Absent:	Rosa Hickey
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

### PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

### EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

### PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Jeff Toomey, Barrington Rd., appeared to complain about his neighbors free roaming cats indicating they have acquired another cat. Toomey was advised if he can identify the cat or cats who are toileting in his yard the police can issue a citation to the animal's owner.

Sue Weaver, Brookmar Drive, appeared to inquire when the sinkhole will be repaired. Township Engineer Wilson provided an update, indicating as soon as the pipe is delivered the contractor will start the repairs. Weaver also noted the water line is sinking. Wilson stated this will also be repaired at the same time.

**APPROVAL OF MINUTES**

The minutes of the August 22, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the August 22, 2013, regular public meeting as presented.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

**OPEN FLOOR DISCUSSION**

**Resolution 13-15:** Motion to adopt Resolution 13-15, amending the Fees, Rates, and Costs for West Manchester Township for 2013, specifically Stormwater Management Fees.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

**T-786 Wallace Elementary Final Land Development Plan:** Representatives of West York Area School District appeared to present the Wallace Elementary Final Land Development Plan, located at 2065 High Street. The proposed plan is a two story addition to the western side of the existing school building; a new parking and parent drop off area will be added to the eastern side of the property; emergency access drive around the west side of the building will be replaced and widened.

Motion to approve the Wallace Elementary Final Land Development Plan with the following waivers:

1. §121-9- Preliminary Plan
2. § 121-14.C(3) & 121-15.C – Locate existing features within 200’ of the subject property (rights-of-way, cartways for streets, sanitary sewer mains, water supply, etc.)
3. §121-23.L(5)(a) - Minimum driveway radius of 20’ (existing lesser radius to remain).
4. § 42-9.A.2 A – Access Drive location closer than 150’ from a non-arterial roadway intersection.
5. § 42-9.B – Access Drive location closer than 25’ from the side property line.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

Motion to approve the Wallace Elementary Final Land Development Plan with the following conditions:

1. All outstanding Transportation Impact Statement comments from the Township Engineer shall be addressed prior to recording.
2. All outstanding Stormwater Management Plan and Report comments from the Township Engineer shall be addressed prior to recording.

3. PA DEP Planning Module exemption approval is required prior to plan recording.
4. Erosion and Sedimentation Control Plan approval is required prior to plan recording.
5. All administrative items (surety, engineering escrow, Operation and Maintenance Agreement, etc.) shall be addressed prior to plan recording.
6. All Final Plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED 2-0

**T-787 Kinsley Equities, III, Final Land Development Plan:** Representatives of Kinsley Equities, III, appeared to present the Kinsley Equities, III, Final Land Development Plan, located at 1600 Colony Road. The proposed plan is an addition to the south and west sides of the existing building of Green's Dairy warehouse on Colony Road. New parking, loading, and equipment storage areas are proposed.

Motion to approve the Kinsley Equities, III, Final Land Development Plan with the following waiver:

1. § 129 – Preliminary Plan.

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED 2-0

Motion to approve the Kinsley Equities, III, Final Land Development Plan with the following conditions:

1. PA DEP Planning Module exemption approval is required prior to plan recording.
2. Erosion and Sediment Control Plan approval is required prior to plan recording.
3. A fee in lieu of traffic impact statement as agreed upon must be submitted prior to plan recording.
4. All administrative items (surety, engineering escrow, Operation and Maintenance Agreement, etc.) shall be addressed prior to plan recording.
5. All final plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED 2-0

**T-788 Integrity Bank Final Subdivision Plan:** Representatives of Integrity Bank appeared to present the Integrity Bank Final Subdivision Plan, located at 1455 Carlisle Road. The proposed site is along the east side of Carlisle Road, just north of the Rt. 30 westbound off-ramp.

Motion to approve the Integrity Bank Final Subdivision Plan with the following waivers:

1. § 121.9 – Preliminary Plan

- 2. § 121.25 – Sidewalks (along Carlisle Rd. with 6 month note) and vertical curb (6" reveal)
- 3. § 121.14.F(1) – Traffic Impact Statements
- 4. § 121.14.C.3 & 121.15.C – Locations of existing features within 200' of the property.
- 5. § 42-9.G – Access Drive Curb cut greater than 35' measured at the property line.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

Motion to approve the Integrity Bank Final Subdivision Plan with the following conditions:

- 1. Parking requirements in the General Notes shall be clarified (10 largest shifts).
- 2. § 42-6.1 – Access Drive Agreement is required to be recorded with the plan.
- 3. All comments from the Township Engineer regarding § 113 Stormwater Management Ordinance shall be addressed prior to submission to the Board of Supervisors.
- 4. The portion of Haviland Road designated to be vacated shall be vacated prior to recording of the plan.
- 5. Approval of the Erosion and Sediment Control Plan and NPDES Permit shall be required prior to recording of the plan.
- 6. All administrative items shall be addressed prior to plan recording (surety, Operation & Maintenance Agreement, etc.).
- 7. The notarized signature of the owner(s) shall be affixed to the plan.
- 8. All Final Plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

**T-789 Integrity Bank Final Land Development Plan:** Representatives of Integrity Bank appeared to present the Integrity Bank Final Land Development Plan, located at 1455 Carlisle Road.

Motion to approve the Integrity Bank Final Land Development Plan with the following waivers:

- 1. § 121.9 – Preliminary Plan
- 2. § 121-25 – Sidewalks (along Carlisle Rd. with 6 month note) and vertical curb (6" reveal)
- 3. § 121.14.F(1) – Traffic Impact Statements
- 4. § 121.14.C.3 & 121.15.C – Locations of existing features within 200' of the property.
- 5. § 42-9G – Access Drive curb cut greater than 35' measured at the property line.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

Motion to approve the Integrity Bank Final Land Development Plan with the following conditions:

- 1. Parking requirements in the General Notes shall be clarified (10 largest shifts).

2. § 42-6.1 – Access Drive Agreement is required to be recorded with the plan.
3. All comments from the Township Engineer regarding § 113 Stormwater Management Ordinance shall be addressed prior to submission to the Board of Supervisors.
4. The portion of Haviland Road designated to be vacated shall be vacated prior to recording of the plan.
5. Approval of the Erosion and Sediment Control Plan and NPDES Permit shall be required prior to recording of the plan.
6. All administrative items shall be addressed prior to plan recording (surety, Operation & Maintenance Agreement, etc.).
7. The notarized signature of the owner(s) shall be affixed to the plan.
8. All Final Plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED 2-0

#### **UNFINISHED BUSINESS**

Nothing presented.

#### **NEW BUSINESS**

**Resolution 13-16:** Motion to adopt Resolution 13-16, the York County Hazard Mitigation Plan.

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED 2-0

**Request for Road Closure:** Motion to approve a request from Auto Kings Auto Repair, 1924 Stanton Street, to partially close Ship Avenue from their eastern property line to Oxford Street, in order to hold Customer Appreciation Days. The event will be held Saturday and Sunday, September 28<sup>th</sup> and 29<sup>th</sup>, between 10 am and 4 pm.

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED 2-0

**Request for Release of Escrow:** Motion to approve a request from Keystone Custom Homes to release monies held in escrow for 5035 Golden's Path. The total amount of escrow being held is \$3639.70.

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED 2-0

**Presentation of Proposed 2014 Pension Budgets:** The 2014 proposed pension budgets will be presented for acknowledgement. No action is necessary.

**Animal Control Services:** Motion to approve a proposal from Mike Ellis to provide animal control services for 2014.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

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ADMINISTRATIVE REPORTS

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. Nichols announced that October is Fire Prevention Month. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. Love also noted the Township's 3<sup>rd</sup> MS4 Workshop is scheduled for October 17<sup>th</sup> to be held at the Township Building and the topic will be Backyard Composting. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water



management. A workshop will be held on October 17<sup>th</sup> at the Township Building covering Backyard Composting.

### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-09 Fund 01	15334 - 15464	\$ 527,745.10
WMT Sewer Fund	1563 - 1594	\$ 105,234.39
Payroll: Pay Period Ending 08/24/13	Paytime Vouchers	\$ 140,567.14
Payroll: Pay Period Ending 09/07/13	Paytime Vouchers	\$ 138,149.91
Payroll: Pay Period Ending 09/21/13	Paytime Vouchers	\$ 143,877.61

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

### ADJOURNMENT

Motion to adjourn the regular meeting at 7:35 p.m.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,

Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE: \_\_\_\_\_

SECOND: \_\_\_\_\_

DATE: \_\_\_\_\_

120243

PUBLIC MEETING MINUTES

October 24, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

ATTENDANCE

- Supervisor's Present:
- Steve Harlacher, Chairman  
Dave Markel, Vice-Chairman  
Rosa Hickey
- Staff Present:
- Kelly Kelch, Township Manager  
Kelly Palmer, Stenographer  
John Herrold, Solicitor  
Craig Wilson, Township Engineer  
Dave Nichols, Fire Chief  
Lori Trimmer, Recreation Director  
Stephen Callahan, Public Works Director  
Wendy Boutilier, Finance Director  
Monica Love, Zoning Officer  
Arthur Smith, Chief of Police

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Sue Weaver, 2673 Brookmar Drive, appeared to complain about the sinkhole repair work that was recently completed on Brookmar Drive. Specifically, she feels the yard restoration work is deficient because there are clay rocks in the yard, covered with straw and cheap grass seed. Public Works Director Callahan explained the grading was done as best as can be considering the time of year, when spring comes they will be back to complete the grading. Weaver also noted there is still a problem with the road and Callahan explained that is because of the water line which needs to be corrected by the water company.

APPROVAL OF MINUTES

The minutes of the September 26, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the September 26, 2013, regular public meeting as presented.

MOTION: D. Markel  
 SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

### OPEN FLOOR DISCUSSION

**Cynthia Herrmann**, 2620 Sunset Lane, appeared to discuss the recent storm and the fact that she has had a sewer backup in her basement twice in one year. After the last storm a back flow preventer was installed, however, according to her plumber it was installed incorrectly. Township Manager Kelch noted the installation of the back flow preventer was outsourced to a private company. Kelch further indicated the Township insurance company has been contacted and they will be in touch with the Herrmanns. Herrmann further stated she was told when the sewer line upgrade was done the lines were re-routed. Callahan explained the sewer lines were enlarged but are in the same location as they were previous to any work that was done. Callahan also stated there is an ongoing effort by the Township to find the illegal sump pumps that are connected to the sewer system and request that homeowner's remove them.

**Randy Drais**, 1860 Hayward Road, appeared to discuss a sewer back up he experienced during the most recent storm. Drais suggested there be a moratorium on development and also suggested the Township contact PennVest for financial help in expanding the treatment plants or sewer lines. Township Manager Kelch explained PennVest is for distressed areas and they consider the entire Township as a whole not just one area. Kelch further noted it's not a treatment plant problem it's a conveyance issue. Drais further suggested if lines need to be enlarged perhaps the Township can look at obtaining a grant, maybe as a county wide effort since other municipalities experienced the same type issues during the storm. Drais requested there be an article in a Township newsletter explaining to residents what can and can't be done as far as obtaining back flow preventers and with sump pumps. Supervisor Hickey noted an article will help educate residents regarding these issues and accountable people will do the right thing. Drais thanked the fire department for loaning him sump pumps during the storm.

### UNFINISHED BUSINESS

Nothing presented.

### NEW BUSINESS

**2014 Stray Animal Housing Agreement:** Motion to enter into an agreement with the SPCA of York County for stray animal housing for the year 2014 at a cost of \$9,447.00.

MOTION: R. Hickey  
 SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**2014 General Fund Budget:** Presentation of the draft 2014 General Fund Budget. Township Manager Kelch indicated it is a balanced budget with no tax increase expected. Final presentation of the budget will occur at the November 14, 2013 Meeting, after which it will be advertised for adoption at the December 19, 2013 meeting.

**Proposal of Tax Increment Finance (TIF):** Ron Lucas, Esquire; Blanda Nace, York County Economic Alliance; and Frank Mihalopoulos, M & R Investors, all representing the West Manchester Mall property appeared to discuss the TIF process and request the Township appoint a representative to the TIF.

**Resolution 13-17:** Motion to adopt Resolution 13-17, amending Resolution 13-15, Stormwater Management Fees.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Resolution 13-18:** Motion to adopt Resolution 13-18, appointing Kelly K. Kelch to the TIF Committee, as it pertains to the West Manchester Mall project.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Authorize Public Hearing:** Motion to conduct and advertise a public hearing on December 19, 2013, beginning at 7 pm to receive comments regarding the TIF as it pertains to the West Manchester Mall project.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Request for Reduction of an Improvement Guarantee:** Motion to approve a request from York Railway Company to reduce its improvement guarantee to \$38,839.40, as recommended by Dawood Engineering.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. Nichols requested the Board adopt Resolution 13-19, Declaration of Disaster, and Emergency Flooding Rains on October 11, 2013.

MOTION: R. Hickey  
 SECOND: D. Markel

**MOTION PASSED UNANIMOUSLY**

There were no additional questions or comments for Nichols.

- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. Motion to authorize end of year budget transfers as recommended by Staff.

MOTION: D. Markel  
 SECOND: R. Hickey

**MOTION PASSED UNANIMOUSLY**

There were no additional questions or comments for Kelch.

- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

**STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

**APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-10 Fund 01	15465 - 15582	\$ 916,579.35
WMT Sewer Fund	1595 - 1626	\$ 222,335.72
Payroll: Pay Period Ending 10/05/13	Paytime Vouchers	\$ 142,303.55
Payroll: Pay Period Ending 10/19/13	Paytime Vouchers	\$ 164,295.16

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

PUBIC COMMENT

Steve Myers, 2905 Sunset Lane, appeared to complain about the permit fees charged by Commonwealth Inspection. Myers feels the Uniform Construction Code has gone overboard. Kelch suggested he meet with Representative Grove since this was a state initiative. Myers suggested the Township put more pressure on the state to revise some of its regulations. Kelch indicated the Township's do not have as large of a voice as the construction industry, further noting the Pennsylvania State Association of Township Supervisors fought the state for minimized codes but were defeated. Myers will meet with Representative Grove.

EXECUTIVE SESSION

Chairman Harlacher stated the Board will meet in Executive Session following the meeting to discuss a personnel issue.

ADJOURNMENT

Motion to adjourn the regular meeting at 7:50 p.m.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,

Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE: \_\_\_\_\_  
SECOND: \_\_\_\_\_  
DATE: \_\_\_\_\_

PUBLIC MEETING MINUTES

November 14, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

ATTENDANCE

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman Rosa Hickey, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

APPROVAL OF MINUTES

The minutes of the October 24, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the October 24, 2013, regular public meeting as presented.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY



**OPEN FLOOR DISCUSSION**

**T-790 Rexroth Tenancy in Common:** A representative of James R. Holley & Associates, Inc., appeared to present the Rexroth Tenancy in Common Final Land Development Plan, located at 581 Manchester Court. The proposed industrial building will have 8 loading docks and 10 trailer parking spaces.

Motion to approve the Rexroth Tenancy in Common Final Land Development Plan with the following waivers:

- 1. §121-9 – Preliminary Plan
- 2. §121-14.C(#) & §121-15.C – Locate existing features within 200’ of the subject property (rights-of-way, cartways for streets, sanitary sewer mains, water supply, etc.)
- 3. §121-14F(1) & §121-15.F – Transportation Impact Statement is required for all nonresidential uses.
- 4. §121-25 – Sidewalks and curbs shall be installed along Manchester Court and East Berlin Road.
- 5. §121-33B – Screening and Landscaping shall be provided in accordance with the prevailing West Manchester Township Zoning Ordinance (waiver to donate 9 trees or monetary equivalent).
- 6. §42-8(F) – The number of access drives intersecting a street line may not exceed one (1) per lot.
- 7. §42-9.A – Access drives shall not be located less than 300 feet from the intersection of arterial or major collector road.
- 8. §42-9.B – Access drive location shall not be closer than 25 feet from the side property line
- 9. §42-9.(C) – If two (2) access drives are permitted by the Board, they shall be separated by a minimum 300 feet.
- 10. §42-9(G) – Unless specifically approved by the Board, no access drive shall have a curb cut exceeding thirty-five (35) feet.

MOTION: D. Markel

SECOND: R. Hickey

**MOTION PASSED UNANIMOUSLY**

Motion to approve the Rexroth Tenancy in Common Final Land Development Plan with the following conditions:

- 1. §121.15.E & §121.14.E.2 § 121.34 PA DEP Sewer Facilities Plan – Justification of proposed sewage flow will need to be provided prior to tenant use. Also, sewer details need to be revised per Dawood and the Township Construction and Materials Specifications. Please note: As of November 18, 2013, there is a sanitary sewer connection moratorium for areas tributary to the Market Street pump station.

2. Approval of the Erosion & Sedimentation Control Plans and NPDES Permit by the YCCD is required prior to recording of the plan.
3. All administrative items shall be addressed prior to plan recording (surety in the amount of \$438,494.41; recording of the Operation & Maintenance Agreement; landscaping donation or guarantee of \$1,350.00, etc.).
4. All final plans, as recorded, shall be submitted in electronic format (i.e. PDF).

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

### **UNFINISHED BUSINESS**

Nothing presented.

### **NEW BUSINESS**

**2014 General Fund Budget:** Presentation of the draft 2014 General Fund Budget which will be on display and advertised for adoption at the December 19, 2013, Board of Supervisors Meeting. Kelch stated there is no tax increase proposed, to reduction in services and no new hires anticipated.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Authorization to Advertise:** Motion to authorize staff to advertise the appointment of Maher Duessel, CPA's to prepare the audit report and financial statements for West Manchester Township's 2013 financial accounts in place of the elected Township Board of Auditors.

MOTION: R. Hickey

SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Reschedule Public Hearing:** Motion to reschedule a public hearing initially scheduled for December 19, 2013, and authorize staff to advertise a public hearing to be held on December 30, 2013, beginning at 7 pm, to receive comments regarding the TIF as it pertains to the West Manchester Mall project.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Ordinance 13-06:** Motion to adopt Ordinance 13-06, amending Chapter 109, Article V, §109-53, entitled Fees for Reservation of Capacity, by adding additional dates and amounts to the existing schedule and Chapter 109, Article V, §109-54, entitled Fees for Capacity Permits, by adding additional dates and amounts to the existing schedule.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Award of Contract:** Motion to award a contract to Mr. Rehab, Inc., for the 2013 Sanitary Sewer Repair Contract #2, King Street Interceptor, at a bid price of \$36,793.50.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Financial Security Request:** Motion to approve a request from West York Area School District, to submit a Bond without Surety in lieu of a Letter of Credit/Cash Escrow, for financial security for the Wallace Elementary School Project. Approval is granted with the condition that the West York Area School District School Board act upon the Bond without Surety at a public meeting and that it be reflected in their official Minutes.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. **Recreation Director:** Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. **Finance Director:** Boutilier's report was reviewed. Boutilier reported the State conducted a Liquid Fuels Audit on the years 2011 and 2012 and there were no findings or comments. There were no additional questions or comments for Boutilier.
- C. **Fire Chief:** Nichols' report was reviewed. Nichols requested the Board approve worker's compensation coverage for the West Manchester Township Fire & Emergency Services to chauffeur Santa Claus in a fire truck to the West Manchester Mall on Saturday, November 16, 2013 at 10:30 am.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

There were no additional questions or comments for Nichols.

- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

#### **STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

#### **APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-11 Fund 01	15583 - 15674	\$ 175,474.01
WMT Sewer Fund	1627 - 1645	\$1,010,680.93
Payroll: Pay Period Ending 11/01/13	Paytime Vouchers	\$ 137,834.46

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

Vice-Chairman Markel thanked all the residents for their support by electing him to his third term. Markel further stated it is a pleasure to serve the township residents.

#### **ADJOURNMENT**

Motion to adjourn the regular meeting at 7:30 p.m.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,

Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

120243

MOTION TO APPROVE: \_\_\_\_\_  
SECOND: \_\_\_\_\_  
DATE: \_\_\_\_\_

PUBLIC MEETING MINUTES

December 19, 2013

Chairman Harlacher called the meeting to order at 7:00 p.m.

ATTENDANCE

Supervisor's Present:	Steve Harlacher, Chairman Dave Markel, Vice-Chairman Rosa Hickey, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Harlacher announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Harlacher requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

APPROVAL OF MINUTES

The minutes of the November 14, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the November 14, 2013, regular public meeting as presented.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

OPEN FLOOR DISCUSSION

Randy Drais, 1860 Hayward Road, appeared to discuss the sewer back-up that occurred during a storm in October. Drais presented a petition he circulated to neighbors to get an idea who has experienced damage in the past. There were 33 people who signed the petition indicating some type of damage during three major storms from 2011 through 2013. Drais requested the sewer lines be televised to check for cracks, etc.

The Township Engineer and Township Public Works Director indicated during a June 2013 project Wilt Drive was televised. The Township Engineer stated a major problem in the area are residents who have down spouts hooked into the sewer system which is illegal and also causes major problems because the illegal hook ups put water into the sewer lines.

Attorney Marc Roberts appeared to advise the Board they could be exposing themselves to law suits if they don't do everything possible to correct the situation.

UNFINISHED BUSINESS

Nothing presented.

NEW BUSINESS

**Resolution 13-20:** Motion to adopt Resolution 13-20, establishing fees and charges for the disposal of garbage, ashes, rubbish, and other refuse materials for the year 2014.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Resolution 13-21:** Motion to adopt Resolution 13-21, fixing assessment rates for the year 2014 for street lighting purposes.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Resolution 13-22:** Motion to adopt Resolution 13-22, the 2014 General Fund Budget.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Resolution 13-23:** Motion to adopt Resolution 13-23, a tax levy resolution, establishing the tax rate for 2014 at .214 mills.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Request for Tax Certification Increase:** Motion to approve a request from Cheryl Niehenke, Tax Collector, to increase the Tax Certification Fee from \$20 to \$25; conditioned on Niehenke paying for the preparation and advertising of the Ordinance.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Request to Amend Garbage Contract:** Motion to approve a request from Penn Waste to amend the Garbage Contract, Section 3.04 Time of Collections, to change the start time from 7 am to 6 am.

MOTION: R. Hickey

SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. Nichols indicated the Fire Department received \$1,000 Grant from Oletown Jewelers which will go toward the truck purchase. Nichols presented the Board recent information regarding the radio system upgrade being completed by the County. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. Motion to approve the retention of Gannet Fleming to perform a valuation of the Township's sewer and Shiloh water systems.

MOTION: D. Markel

SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Kelch noted he received a letter from Toastmasters recognizing Lori Trimmer's years of participation in the club. The Board congratulated Lori on her commitment and service. There were no additional questions or comments for Kelch.



- F. Engineer: Dawood’s report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves’ report was reviewed Love indicated the Township’s MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold’s report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan’s report was reviewed There were no additional questions or comments for Callahan.

**STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love and the Township’s MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

**APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 13-12 Fund 01	15675 - 15805	\$ 556,407.71
WMT Sewer Fund	1646 – 1665	\$ 501,415.72
Payroll: Pay Period Ending 11/16/13	Paytime Vouchers	\$ 142,255.61
Payroll: Pay Period Ending 11/30/13	Paytime Vouchers	\$ 157,065.94
Payroll: Pay Period Ending 12/14/13	Paytime Vouchers	\$ 147,578.62

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**ADJOURNMENT**

Motion to adjourn the regular meeting at 7:30 p.m.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,

Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE: \_\_\_\_\_

SECOND: \_\_\_\_\_

DATE: \_\_\_\_\_

**PUBLIC HEARING MINUTES**

December 30, 2013

**A PUBLIC HEARING TO CONSIDER A REQUEST TO  
CREATE A TAX INCREMENTING FINANCING DISTRICT IN ACCORDANCE WITH  
THE PENNSYLVANIA TAX INCREMENT FINANCING ACT, AS AMENDED**

**ATTENDANCE**

- Supervisors Present: Steve Harlacher, Chairman  
Dave Markel, Vice-Chairman  
Rosa Hickey, Supervisor
- Others Present: Kelly Kelch, Township Manager  
Ron Lucas, Esquire – Attorney for the Applicant  
Tony Ruggeri – Manchester Mall Associates, LLC  
Darrell Auterson – York County Economic Alliance/Redevelopment Authority of the County of York (RACY)

**I. CALL TO ORDER**

Chairman Harlacher called the hearing to order at 7:00 p.m. Harlacher stated that the purpose of the hearing is to consider a request to create a Tax Incrementing Financing District in accordance with the Pennsylvania Tax Increment Financing District Act, as amended.

**II. RULES OF HEARING**

Township Manager Kelch stated the Rules of the Hearing. Mr. Kelch also noted that the TIF document had been displayed and the public hearing had been advertised as required. A copy of the TIF document and the notice of advertisement have been attached for reference.

**III. PRESENTATION OF PROPOSED REQUEST**

Mr. Auterson, representing the Redevelopment Authority of the County of York (RACY) presented the request.

Mr. Auterson stated that after several years of serious decline, West Manchester Mall is at a crisis point. Akin to a city's downtown shopping district with its multitude of stores, the survival of the Mall is crucial to the economic well-being of West Manchester Township, West York Area School District, and York County. The unique, major redevelopment project proposed in this TIF Plan will re-posture West Manchester Mall into a new retail concept which incorporates a central Plaza area that encourages the gathering of Township residents, adds restaurants, and will include retail and restaurant concepts that are new to the area or to the West

Manchester market. Further, the redevelopment improves ingress/egress to the Mall and improves traffic flow and circulation on the surrounding roads.

The Redevelopment to be financed, in part, with proceeds from the proposed tax increment financing, for the purpose of transportation and infrastructure improvements including: 1) new and improved ingress/egress off of SR 74, providing better access to the Mall for shoppers; 2) re-routing the existing ring road around the south side of the Mall property to provide better circulation and access to the individual stores and new planned pad sites; 3) new plaza drive to improve access between individual stores and end the front and back side split of Mall stores; and 4) culvert modification, stormwater management facilities and erosion and sedimentation controls to accommodate the transportation infrastructure improvements. These transportation infrastructure improvements will allow Manchester Mall Associates, LLC to attract additional anchor tenants, restaurants and other retailers to revitalize this important commercial asset to this area of York County.

#### **IV. QUESTIONS FROM THE PUBLIC**

Township Manager Kelch asked if there were any questions from the public. There were none.

#### **V. COMMENTS FROM THE PUBLIC**

Township Manager Kelch asked if there were any comments from the public. There were none.

#### **VI. QUESTIONS FROM THE BOARD**

Township Manager Kelch asked if there were any questions from the Board. There were none.

#### **VII. COMMENTS FROM THE BOARD**

Township Manager Kelch asked if there were any comments from the Board. There were none.

#### **VIII. ACTIONS OF THE BOARD**

On a motion from the Board, the Board authorized staff to prepare and advertise an Ordinance to approve, deny or table the creation of a Tax Incrementing Finance District, to be acted upon by the Board at its meeting of January 23, 2014.

**MOTION PASSED UNANIMOUSLY**

#### **IX. ADJOURNMENT**

Motion to adjourn the hearing at 7:15 pm.

MOTION PASSED UNANIMOUSLY

Respectfully submitted,

— Kelly K. Kelch/Secretary

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MOTION TO APPROVE: \_\_\_\_\_

SECOND: \_\_\_\_\_

DATE: \_\_\_\_\_

PUBLIC MEETING MINUTES

January 23, 2014

Chairman Markel called the meeting to order at 7:00 p.m.

ATTENDANCE

Supervisor's Present:	Dave Markel, Chairman Rosa Hickey, Vice-Chairman Steve Harlacher, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

120243

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Markel announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Markel requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

APPROVAL OF MINUTES

The minutes of the December 19, 2013, regular public meeting were presented for approval. Motion to approve the minutes of the December 19, 2013, regular public meeting as presented.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

The minutes of the December 30, 2013, Public Hearing, were presented for approval. Motion to approve the minutes of the December 30, 2013, public hearing as presented.

MOTION: R. Hickey  
 SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

The minutes of the January 6, 2014, Reorganization Meeting, were presented for approval. Motion to approve the minutes of the January 6, 2014, reorganization meeting as presented.

MOTION: S. Harlacher  
 SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

**Will Clark with the York County Planning Commission:** Clark, Chief of Transportation at York County Planning Commission appeared to request the Board consider adopting an Official Map of West Manchester Township. Clark explained the Map is used as a planning tool and identifies infrastructure projects and allows the Township to have their ideas on the table at the beginning of a project. Currently, there are 7 municipalities in York County who have adopted an official map. The cost to the Township would be approximately \$5,000 to \$7,000.

**Randy Drais:** Drais, 1860 Hayward Rd., appeared to discuss sewer issues in his neighborhood. Public Works Director Callahan noted that smoke testing of the lines will be done in the spring. Drais indicated there is a crack in the road on Hayward. Callahan noted it could be storm sewer lines or water lines. Drais asked if the quarry blasting could be compromising the lines. Callahan stated that is not an issue.

**Jeff Goodyear, Penn's Preserve Development:** Goodyear appeared to inquire about the status of the development since the original developer has declared bankruptcy. Goodyear is most concerned about the condition of the roads. The roads were never built to township specification therefore have not been adopted by the township. Manager Kelch explained there has been some progress since the building lots have been sold to Keystone Homes. The Township is waiting for Keystone to complete a site survey which will determine how much it will cost to complete the public improvements. The Township has also hired special counsel to work with the previous developer's bonding company in the hope that the bond will be released to the Township which can use that money to help with the completion of the public improvements. Presently, the Township is not issuing any building permits for the development. Zoning Officer Love noted there is an attempt to hold a meeting in early March with the residents to get a homeowner's association started.

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**Resolution 14-06:** Motion to adopt Resolution 14-06, honoring the distinguished and outstanding service of Rosemary Smith as Tax Collector.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**Resolution 14-07:** Motion to adopt Resolution 14-07, honoring Patrick McGowan as a member of the West Manchester Township Zoning Hearing Board.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Resolution 14-08:** Motion to adopt Resolution 14-08, honoring Peter D. Solymos as solicitor for the West Manchester Township Zoning Hearing Board.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**Resolution 14-09:** Motion to adopt Resolution 14-09, honoring Magnesita Refractories for their continuous service and dedication to West Manchester Township.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Ordinance 14-01:** Motion to adopt Ordinance 14-01, creating the West Manchester Mall Tax Increment Financing District.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**Ordinance 14-02:** Motion to adopt Ordinance 14-02, increasing the Tax Certification Fee from \$20 to \$25.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY



**Zoning Hearing Board Resignation:** Motion to accept the resignation of Clifton Laughman, effective February 1, 2014, as an alternate on the Zoning Hearing Board; and appointing Mitch Piskur to fill the vacancy.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Security Reduction Request:** Motion to approve a request from Church of the Open Door to reduce its public security to \$53,239.85. A letter from C. S. Davidson is on file supporting this request.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**Declaration of Snow Emergency:** Motion to adopt Resolution 14-10 declaring a snow emergency that was in effect from 7 am January 21, 2014 through 7 am January 22, 2014.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

#### **ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. Motion to approve the salary changes as recommended.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

There were no additional questions or comments for Kelch.

- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. Herrold thanked the Board for his re-appointment as Solicitor for 2014 which marks 35 years of service to the Township. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed There were no additional questions or comments for Callahan.

**STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

**APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 14-01 Fund 01	15806 - 15913	\$ 511,869.40
WMT Sewer Fund	1666 - 1689	\$ 252,626.75
Payroll: Pay Period Ending 12/28/13	Paytime Vouchers	\$ 161,074.44
Payroll: Pay Period Ending 01/11/14	Paytime Vouchers	\$ 143,857.46

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**ADJOURNMENT**

Motion to adjourn the regular meeting at 7:45 pm.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,

Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE: \_\_\_\_\_

SECOND: \_\_\_\_\_

DATE: \_\_\_\_\_

PUBLIC MEETING MINUTES

February 27, 2014

Chairman Markel called the meeting to order at 7:00 p.m.

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ATTENDANCE

Supervisor's Present:	Dave Markel, Chairman Rosa Hickey, Vice-Chairman
Supervisor Absent:	Steve Harlacher, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Markel announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Markel requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

APPROVAL OF MINUTES

The minutes of the January 23, 2014, regular public meeting were presented for approval. Motion to approve the minutes of the January 23, 2014, regular public meeting as presented.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED 2-0

**OPEN FLOOR DISCUSSION**

**T-792 Shaffer/Murr:** Jeffrey Shank appeared to present the Shaffer/Murr Final Subdivision Plan, located at 2148 & 2152 Pemberton Place, to remove five (5) feet of property from 2152 Pemberton Place and add it to 2148 Pemberton Place, to create a wider lot.

Motion to approve the Shaffer/Murr Final Subdivision Plan with the following waivers:

1. §121-14.C.3.a, b, and c; §121-15C – The following items shall be noted on the plan when located within 200 feet of the subject tract (or a waiver requested):
  - a. The location and name of existing rights-of-way and cartways for streets...
  - b. The location and any rights-of-way for water supply mains, fire hydrants, building, swales.
  - c. Existing rights-of-way for electric, gas, and oil transmission lines and railroads.

MOTION: R. Hickey

SECOND: D. Markel

MOTION PASSED 2-0

Motion to approve the Shaffer/Murr Final Subdivision Plan with the following conditions:

1. All administrative items shall be addressed prior to plan recording (final payment of all invoices).
2. All final plans, as recorded, shall be submitted in electronic format (i.e. PDF).

MOTION: R. Hickey

SECOND: D. Markel

MOTION PASSED 2-0

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**Resolution 14-11:** Motion to adopt Resolution 14-11, honoring the distinguished and outstanding service of Dr. Emilie Lonardi as the 2014 PA Superintendent of the Year.

MOTION: R. Hickey

SECOND: D. Markel

MOTION PASSED 2-0

**Resolution 14-12:** Motion to adopt Resolution 14-12, declaration of a snow emergency for February 6, 2014, through February 10, 2014.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED 2-0

**Resolution 14-13:** Motion to adopt Resolution 14-13, declaration of a snow emergency for February 13, 2014, through February 15, 2014.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED 2-0

**Resolution 14-14:** Motion to adopt Resolution 14-14, destruction of records for the Police Department.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED 2-0

**Resolution 14-15:** Motion to adopt Resolution 14-15, amendment #1 to the 2013 General Fund Budget.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED 2-0

**West York Area High School:** Motion to approve a request from West York Area High School granting permission for additional access points onto Worth Street.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED 2-0

**Surety Release:** Motion to approve a request from Polli Equities to release their surety of \$8,300 in its entirety.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED 2-0

**Stormwater Management Agreement:** Motion to execute a Stormwater Management Agreement between West York Area School District and West Manchester Township for 2065 High Street, Wallace Elementary School.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED 2-0

**West York Area High School Lot Consolidation Plan:** Motion to execute the West York Area High School Lot Consolidation Plan for recording. Signatures cannot be older than 90 days for recording at the courthouse.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED 2-0

### ADMINISTRATIVE REPORTS

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. The Board thanked the volunteers for all the work they did during the winter storms. Nichols submitted the 2013 Fire and Emergency Services Annual Response Data. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. The Board acknowledged the public works department for their services during the recent snow storms. There were no additional questions or comments for Callahan.

**STORM WATER MANAGEMENT/MS4:**

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

**APPROVAL OF BILLS**

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 14-02 Fund 01	15915 - 16049	\$ 480,787.60
WMT Sewer Fund	1690 – 1723	\$1,271,335.59
Payroll: Pay Period Ending 01/25/14	Paytime Vouchers	\$ 146,888.53
Payroll: Pay Period Ending 02/08/14	Paytime Vouchers	\$ 141,019.73
Payroll: Pay Period Ending 02/22/14	Paytime Vouchers	\$ 158,679.13

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED 2-0

**ADJOURNMENT**

Motion to adjourn the regular meeting at 7:15 pm.

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED 2-0

Respectfully Submitted,

Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE: \_\_\_\_\_  
SECOND: \_\_\_\_\_  
DATE: \_\_\_\_\_



PUBLIC MEETING MINUTES

March 27, 2014

Chairman Markel called the meeting to order at 7:00 p.m.

ATTENDANCE

Supervisor's Present:	Dave Markel, Chairman Rosa Hickey, Vice-Chairman Steve Harlacher, Supervisor
Staff Present:	Kelly Kelch, Township Manager Brenda Brown, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

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PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Markel announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Markel requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Randy Drais, 1860 Hayward Rd., appeared to thank the public works department for their work during the winter storms. Mr. Drais also inquired if a date has been set to conduct smoke testing of the sewer lines in his neighborhood. Public Works Director Callahan indicated nothing has been scheduled at this point.

The Board recognized Boy Scout Anthony Metzger, with Troop 94, who is working on his Communications Merit Badge.

APPROVAL OF MINUTES

The minutes of the February 27, 2014, regular public meeting were presented for approval. Motion to approve the minutes of the February 27, 2014, regular public meeting as presented.

MOTION: R. Hickey  
 SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

Nothing presented.

**UNFINISHED BUSINESS**

Nothing presented.

**NEW BUSINESS**

**Resolution 14-16:** Motion to adopt Resolution 14-16, destruction of records – Zoning Department.

MOTION: S. Harlacher  
 SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Contract Award:** Motion to award a contract for the 2014 Market Street Sanitary Sewer Repairs to Mr. Rehab, Inc., at a bid price of \$104,038.60. There were 7 bids received with amounts ranging from the low bid of \$104,038.60 to the highest bid from IPR Northeast at \$184,642.00

MOTION: D. Markel  
 SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.

- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

#### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management. Love noted West Manchester, Manchester and Dover Townships are jointly hosting a storm water seminar on April 17, 2014 from 6:30 pm to 7:30 pm at the Manchester Township Building. The seminar will address preparing for the storm.

#### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 14-03Fund 01	16050 - 16167	\$ 315,859.38
WMT Sewer Fund	1724 - 1742	\$1,935,970.27
Payroll: Pay Period Ending 03/08/14	Paytime Vouchers	\$ 140,746.10
Payroll: Pay Period Ending 03/22/14	Paytime Vouchers	\$ 146,159.78

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

#### ADJOURNMENT

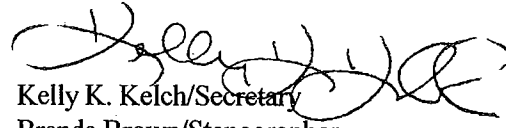
Motion to adjourn the regular meeting at 7:07 pm.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

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Respectfully Submitted,



Kelly K. Kelch/Secretary  
Brenda Brown/Stenographer

MOTION TO APPROVE:

S. Harlacher

SECOND:

R. Hickey

DATE:

4/24/14

PUBLIC MEETING MINUTES

April 24, 2014

Chairman Markel called the meeting to order at 7:00 p.m.

ATTENDANCE

Supervisor's Present:	Dave Markel, Chairman Rosa Hickey, Vice-Chairman Steve Harlacher, Supervisor
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Markel announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Markel requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

APPROVAL OF MINUTES

The minutes of the March 27, 2014, regular public meeting were presented for approval. Motion to approve the minutes of the March 27, 2014, regular public meeting as presented.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

**T-791 Manchester Mall, LLC:** Sara Gaughan, AIA, with Bergmann Associates, appeared to present the Manchester Mall, LLC, Preliminary/Final Redevelopment Plan, located at 1800 Loucks Road.

Motion to approve the Manchester Mall, LLC, Preliminary/Final Redevelopment Plan with the following waivers:

1. §121-8 Preliminary Plan waived
2. §121-14.F(1) Transportation Impact Statement (delayed)  
Waived until there is a modification to the site access, or current building footprint size exceeded.
3. §121-14.C.3/121.15.C Existing features when located within 200' of the subject tract.
4. §121-14.D.10 & 10/121.15.D Proposed Features (sanitary sewer profiles only)

MOTION: S. Harlacher

SECOND: R. Hickey

**MOTION PASSED UNANIMOUSLY**

Motion to approve the Manchester Mall, LLC, Preliminary/Final Redevelopment Plan with the following conditions:

1. §121-14.C(3) & (4) & 121-15.C – The location of FEMA floodplain located along Willis Run and the presence or absence of wetlands shall be noted on the plans. Any building or development (which includes grading) within the designated floodplain will need to meet the requirements of Chapter 75 of the West Manchester Township Codified Ordinance known as the Floodplain Ordinance, and applicable requirements of PADEP Chapter 105 regulations.
2. The note on the cover sheet regarding as-build plans shall be revised to read "Prior to issuance of Certificates of Occupancy for new buildings and upon completion of all improvements, contractor shall provide as-build plans in accordance with Section 121-21 of the Subdivision and Land Development Ordinance."
3. §121-14.E(2) & 121-15.E – PA DEP approved sewer facilities plan revision, supplement or exemption is required.
4. §121-35.F – Approval of design, installation and financial guarantee from the water supplier, York Water Company, is required.
5. All comments from the Township Engineer including those regarding traffic circulation, pedestrian circulation to the bus stop, and §113 Stormwater Management Ordinance, shall be addressed as conditions of approval.
6. A Developer's Agreement between West Manchester Township and the developer is required as a condition of the plan.
7. Approval of the Erosion and Sediment Control Plan and NPDES Permit shall be required prior to recording of the plan.

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8. All administrative items shall be addressed prior to plan recording (Improvement Guarantee, Operation & Maintenance Agreement, outstanding invoices, stormwater fee, etc.).
9. The notarized signature of the owner(s) shall be affixed to the plan.
10. The statements of accuracy shall be signed with the signature and seal of the engineer and surveyor responsible for the plan as a condition of approval.
11. All final plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: R. Hickey  
 SECOND: S. Harlacher

#### MOTION PASSED UNANIMOUSLY

**Randy Drais:** Mr. Drais appeared to request an update on sewer issues in his neighborhood. He thanked the Public Works Director for responding to his e-mail and answering his questions. Drais indicated there was a gas leak recently that closed Hayward Road and he wondered if they were permitted to do that. Callahan noted road closures need Board approval. Township Manager Kelch stated the Township would speak with Columbia Gas regarding road closure procedures. Callahan stated that meters have been installed and will be there for 8 weeks which will provide data flow. The meters will show which properties may have illegal hook ups to the sewer system. This information may also prevent the need to conduct smoke testing of the lines.

Mike Duguid, 1941 South Drive, inquired if the purpose of the flow meters is to measure average flows vs rain events and infiltration. Callahan indicated that's exactly what the purpose of the meters is.

#### UNFINISHED BUSINESS

Nothing presented.

#### NEW BUSINESS

**York County Rail Trail:** Motion to deny a request from the York County Rail Trail Authority to submit a letter of support for a DCNR grant for development of 4,300 linear feet of trail in Jackson Township. During discussion of this request, staff didn't feel it was appropriate to comment on another municipality's involvement. Also, at this point there isn't any information how this would impact West Manchester Township residents.

MOTION: S. Harlacher  
 SECOND: R. Hickey

#### MOTION PASSED UNANIMOUSLY

**Recycling Bins:** Motion to authorize staff to prepare and authorize an amendment to the Recycling Ordinance, allowing residents to use containers of their choice, up to 32 gallons, as long as they are marked with a recycling sticker provided by the Township at no charge to the residents.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Tax Collector Fees:** Motion to approve a request from Cheryl Niehenke, West Manchester Township Tax Collector, to collect a \$20.00 insufficient funds fee; and a \$5.00 duplicate tax bill receipt. The motion is conditioned upon the Tax Collector paying the costs associated for preparation and advertisement of the proposed changes.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**Road Materials Contract Awards:** Motion to award contracts for road materials as follows, and as outlined on the attached Bid Tabulation Sheet:

1. Stone: Kinsley Materials
2. Superpave: York Materials Group, LLC
3. Microsurfacing: Stewart & Tate
4. Placement of Bituminous Paving – Wolf's Church Rd.: Long's Asphalt, Inc.  
North Dr. & Wilt Dr. – Long's Asphalt, Inc.
5. Traffic Line & Symbol Painting: Alpha Space Control

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Authorization to Participate:** Motion to authorize the West Manchester Township Fire Fighters and Fire Police to participate in the following parades:

1. West York Memorial Day Parade – May 26, 2014
2. York County Fire Association Parade in West York – August 16, 2014

MOTION: R. Hickey  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**Syncreon Corporation:** Motion to approve a request from Syncreon Corporation, to waive penalty and interest of \$221.91, on their 2012 and 2013 real estate funds. The property is owned by YATA and is tax exempt.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

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**Request to Conduct Two Public Hearings:** Motion to approve a request to conduct two public hearings to transfer intermunicipal liquor licenses from the following corporations:

1. Buffalo Wild Wings, 320 Town Center Dr. – License to transfer from Hanover Boro
2. Masa Bistro, 1720 Loucks Rd. – License to transfer from York City.

The hearings will be held on May 22, 2014 beginning at 7:00 pm.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

### ADMINISTRATIVE REPORTS

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. Herrold indicated there is a settlement offer from Copeland with the Township receiving 75% of the claim. This is with regards to an accident that occurred on Sunset Lane. Motion to authorize Kelly Kelch to sign the release on behalf of West Manchester Township.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

There were no additional questions or comments for Herrold.

- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management. Love noted West Manchester, Manchester and Dover Townships jointly hosted a storm water seminar on April 17, 2014 from 6:30 pm to 7:30 pm at the Manchester Township Building. The seminar addressed preparing for the storm.

### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 14-04Fund 01	16168 - 16287	\$ 435,183.47
WMT Sewer Fund	1743 - 1764	\$ 774,110.17
Payroll: Pay Period Ending 04/05/14	Paytime Vouchers	\$ 140,620.01
Payroll: Pay Period Ending 04/19/14	Paytime Vouchers	\$ 144,675.68

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

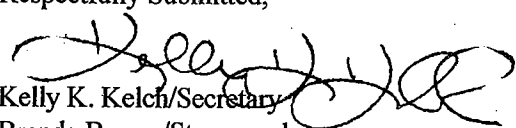
### ADJOURNMENT

Motion to adjourn the regular meeting at 7:40 pm.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,

  
Kelly K. Kelch/Secretary  
Brenda Brown/Stenographer

MOTION TO APPROVE:

SECOND:

DATE:

S. Harlacher  
R. Hickey  
5/22/14

PUBLIC MEETING MINUTES

May 22, 2014

Chairman Markel called the meeting to order at 7:07 p.m.

ATTENDANCE

## Supervisor's Present:

Dave Markel, Chairman  
Rosa Hickey, Vice-Chairman  
Steve Harlacher, Supervisor

## Staff Present:

Kelly Kelch, Township Manager  
Kelly Palmer, Stenographer  
John Herrold, Solicitor  
Craig Wilson, Township Engineer  
Dave Nichols, Fire Chief  
Lori Trimmer, Recreation Director  
Stephen Callahan, Public Works Director  
Wendy Boutilier, Finance Director  
Monica Love, Zoning Officer  
Arthur Smith, Chief of Police

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PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Markel announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Markel requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Randy Drais, 1860 Hayward Rd., appeared to request an update on the flow meters installed in his neighborhood. Public Works Director Callahan indicated nothing has come back yet.

APPROVAL OF MINUTES

The minutes of the April 24, 2014, regular public meeting were presented for approval. Motion to approve the minutes of the April 24, 2014, regular public meeting as presented.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**OPEN FLOOR DISCUSSION**

**T-795 Gutacker Final Minor Subdivision:** No one appeared to present the plan.  
 Motion to table the Gutacker Final Minor Subdivision, adjusting a lot line, located at 1997 and 1991 Brenda Road.

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**Stacey Macneal, Esquire:** Ms. Macneal did not appear to discuss 2079 Taxville Road.  
 Motion to table any discussion/action on 2079 Taxville Road.

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**UNFINISHED BUSINESS**

**Recycling Ordinance Amendment:** Motion to adopt Ordinance 14-03, amending the recycling ordinance to allow residents to use containers of their choice, up to 32 gallons, as long as they are marked with a recycling sticker provided by the Township.

MOTION: R. Hickey  
 SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**NEW BUSINESS**

**Liquor License Transfers:** Motion to approve two (2) requests for inter-municipal transfer of liquor licenses to West Manchester Township as follows:

Motion to adopt **Resolution 14-17**, a liquor license transfer for Blazin Wings, Inc., d/b/a/ Buffalo Wild Wings to be located at 320 Town Center Drive.

MOTION: D. Markel  
 SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

Motion to adopt **Resolution 14-18**, a liquor license transfer for Masa Bistro, located at 1720 Loucks Road.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Waiver Request:** Motion to approve a waiver request for the YATA/Rabbit Transit building renovation and parking lot expansion, located at 415 Zarfoss Road. There is a greater than 20% expansion, which requires Land Development Plans to be submitted by Ordinance. The overall expansion is approximately 30% of the overall operation, primarily parking and bus queuing around the building (driveway areas).

Township Manager Kelch and the Board thanked YATA/Rabbit Transit, and specifically Rich Farr for working with the Township in providing recreation fields at this site. Details such as maintenance, etc., need to be worked out, however, no issues are anticipated.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Request for Bond Release:** Motion to approve a request from Manchester Equities, LLC, to release their surety in its entirety. A letter from C. S. Davidson, Inc., is on file supporting this request.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Sale of Equipment:** Motion to approve the sale of the following equipment to the highest bidders:

1. 2000 Ford 550 XL Super Duty Dump Truck with 8.5 foot western plow and Henderson stainless steel tailgate spreader. Highest bidder – Robert Bolea at a bid price of \$22,202.00.
2. 1998 John Deere 5510 Tractor with Brahma side flail and John Deere rear flail mower. Highest bidder – Shamokin Township at a bid price of \$16,101.00.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**ADMINISTRATIVE REPORTS**

- A. **Recreation Director:** Trimmer's report was reviewed. Trimmer reported the Y.A.R.D. Screen Free Week was very successful. Trimmer thanked Wendy Boutilier for her help during this event. Trimmer also reported hometownpress, the company who has been printing the Township Newsletters has indicated they will not be able to continue this service due to a lack of businesses who want to purchase Ads. The Ads were supposed to cover the cost of the newsletters. Trimmer is in the process of obtaining quotes from printers to have the winter newsletter printed. Chairman Markel inquired who would get any Ad money that may be left

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from those businesses who committed to hometownpress for all three of the newsletters for 2014. Trimmer will inquire about this. There were no additional questions or comments for Trimmer.

- B. Finance Director: Boutilier's report was reviewed. Boutilier reported PayTime, the company who processes the Township's payroll experienced a data compromise. Pay Time has sent letters to all employees offering free credit monitoring for one year. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. Motion to authorize transfers to the capital budget as outlined in the Township Manager's Memo to the Board of May 16, 2014.

MOTION: D. Markel  
SECOND: S. Harlacher

#### MOTION PASSED UNANIMOUSLY

There were no additional questions or comments for Kelch.

- F. Engineer: Dawood's report was reviewed. Township Engineer Wilson noted PA DEP has lifted the Market Street pump station moratorium. The King Street pump station moratorium will most likely stay for another year. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

#### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

#### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 14-05 Fund 01	16288 - 16397	\$ 463,208.43
WMT Sewer Fund	1765 - 1782	\$ 297,949.83
Payroll: Pay Period Ending 05/03/14	Paytime Vouchers	\$ 142,644.72
Payroll: Pay Period Ending 05/17/14	Paytime Vouchers	\$ 144,210.01

MOTION: R. Hickey  
 SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

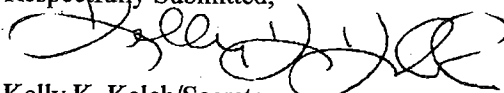
### ADJOURNMENT

Motion to adjourn the regular meeting at 7:35 pm

MOTION: S. Harlacher  
 SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,



Kelly K. Kelch/Secretary  
 Brenda Brown/Stenographer

MOTION TO APPROVE:

S. Harlacher

SECOND:

D. Markel

DATE:

6/26/14

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PUBLIC MEETING MINUTES

June 26, 2014

Chairman Markel called the meeting to order at 7:07 p.m.

ATTENDANCE

Supervisor's Present:	Dave Markel, Chairman Steve Harlacher, Supervisor
Supervisor's Absent:	Rosa Hickey, Vice-Chairperson
Staff Present:	Kelly Kelch, Township Manager Kelly Palmer, Stenographer John Herrold, Solicitor Craig Wilson, Township Engineer Dave Nichols, Fire Chief Lori Trimmer, Recreation Director Stephen Callahan, Public Works Director Wendy Boutilier, Finance Director Monica Love, Zoning Officer Arthur Smith, Chief of Police

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Markel announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Markel requested comments from the public regarding any matter not scheduled for discussion on the Agenda.

Linett Harleman, 230 Lincolnway Drive, appeared to complain about her neighbor who installed a chain link fence on the property line. Harleman indicated it is very difficult for her and her husband to maintain their side of the fence. Harleman cited sections of the West Manchester Township code that reference nuisances. She feels this fence poses a nuisance to her and her husband. Harleman noted other Township's require adjoining property owners to sign an agreement indicating they are in agreement with having a fence installed on a property line. Solicitor Herrold stated the nuisance ordinance does not affect another ordinance. If a change would be made to not permit fences on property lines, it would not change her situation because the fence already exists and would be grandfathered in. Harleman inquired how many employees live in the Township. She feels if township employees are required to live in the Township they would make decisions that would have a more favorable impact on residents. Township Manager Kelch stated by not requiring employees to be Township residents they are more likely to make impartial decisions.



Mike Duguid, 1941 South Drive, appeared to inquire if the results of the recent flow meter testing are available. Public Works Director Callahan indicated he has just received the reports and they need to be reviewed by the Township Engineer. Callahan further noted the results MAY show the need for smoke testing in some areas.

### APPROVAL OF MINUTES

The minutes of the May 22, 2014, Public Hearing, to transfer a liquor license into West Manchester Township for Buffalo Wild Wings, were presented for approval. Motion to approve the minutes of the May 22, 2014, Public Hearing for Buffalo Wild Wings as presented.

MOTION: S. Harlacher  
SECOND: D. Markel

MOTION PASSED 2-0

The minutes of the May 22, 2014, Public Hearing, to transfer a liquor license into West Manchester Township for Masa Bistro Restaurant were presented for approval. Motion to approve the minutes of the May 22, 2014 Public Hearing for Masa Bistro Restaurant as presented.

MOTION: S. Harlacher  
SECOND: D. Markel

MOTION PASSED 2-0

The minutes of the May 22, 2014 Regular Public Meeting were presented for approval. Motion to approve the minutes of the May 22, 2014 Regular Public Meeting as presented.

MOTION: S. Harlacher  
SECOND: D. Markel

MOTION PASSED 2-0

### OPEN FLOOR DISCUSSION

**T-795 Gutacker Final Minor Subdivision:** Joe Musso of Musso Development Services, LLC, appeared to present the Gutacker Final Minor Subdivision, adjusting a lot line, located at 1997 and 1991 Brenda Road.

Motion to approve the Gutacker Final Minor Subdivision with the following conditions:

1. Revised deeds shall be recorded with the subdivision plan.
2. All administrative items shall be addressed prior to plan recording (final payment of all invoices.)
3. All final plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: D. Markel  
SECOND: S. Harlacher

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## MOTION PASSED 2-0

Motion to approve the Gutacker Final Minor Subdivision with the following waivers:

1. §121-14.C.3.a, b, & c; §121-15C – The following items shall be noted on the plan when located within 200 feet of the subject tract (or a waiver requested):
  - a. The location and name of existing rights-of-way and cartways for streets...
  - b. The location and any rights-of-way for water supply mains, fire hydrants, buildings, swales.
  - c. Existing rights-of-way for electric, gas, and oil transmission lines, and railroads.

MOTION: S. Harlacher

SECOND: D. Markel

## MOTION PASSED 2-0

**T-794 Dollar General:** Greg Holtzman appeared to present the Dollar General Final Land Development Plan to include approximately 7,200 square feet of new retail, with associated parking, loading and access drive areas. The property is located at 4750 W. Market Street.

Motion to approve the Dollar General Final Land Development Plan with the following conditions:

1. A temporary construction easement and access easement for the shared access must be provided prior to plan recording and must be recorded with the plan (§121.15.D).
2. A Highway Occupancy Permit for the existing driveway shall be provided.
3. Final approval of the on-lot septic system by the Township SEO shall be submitted prior to plan recording.
4. Approval of the Erosion & Sediment Control Plans and NPDES Permit by the YCCD is required prior to recording of the plan.
5. All comments from the Township Engineer regarding §113 Stormwater Management Ordinance shall be addressed prior to approval by the Board of Supervisors.
6. All administrative items shall be addressed prior to plan recording (Surety, Operation & Maintenance Agreement, etc.).
7. The signatures and seals of the individuals responsible for the plan shall be affixed to the plan prior to approval by the Board of Supervisors.
8. The notarized signature of the owner(s) shall be affixed to the plan prior to approval by the Board of Supervisors.
9. All final plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: S. Harlacher

SECOND: D. Markel

## MOTION PASSED 2-0

Motion to approve the Dollar General Final Land Development Plan with the following waivers:

1. §121-9 - Preliminary Plan is required for all Land Development Plans.
2. §121.14.C.3(a)/§121.15.C - Existing rights-of-way within 200' of the subject tract.
3. §121.14.C.3(b)/§121.15.C - Existing features within 200' of the subject tract.
4. §121.14.F - Traffic Impact Statement.
5. §121.25 - Sidewalk & Curb along all frontages - waived to the extent granted by the variance.
6. §113.17.E(7) - Stormwater Management - fences around basins.
7. §42.8(F) - No more than one (1) access drive per lot, waived to permit two (2).
8. §42.9(A)(2) - Prohibiting access drives from being located less than 150' from street intersection.

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MOTION: S. Harlacher  
SECOND: D. Markel

## MOTION PASSED 2-0

**T-793 West York Area High School:** Mark Kurowski appeared to present the West York Area High School Final Land Development Plan which proposes building additions to the existing high school, additional parking lots along Bannister Street and Worth Street, and the repositioning of one dual movement access drive into two, one-way access drives onto Worth Street. The property address is 1800 Bannister Street.

Motion to approve the West York Area High School Final Land Development Plan with the following conditions:

1. The lighting plan shows some small spillover of light onto adjoining properties and streets, therefore, staff recommends the following note be added to the cover sheet: *All exterior lighting shall be arranged and shielded to prevent objectionable illumination or glare upon adjoining properties and/or public rights-of-way.* If there is issue with the lighting after construction, shielding can be installed to mitigate the problem.
2. As-built plans in accordance with §121-21 of the West Manchester Township Subdivision and Land Development Ordinance shall be submitted to the Township upon completion of all required improvements and prior to the issuance of occupancy permits. As-built plans shall show the location, dimension, and elevation of all public improvements, grading, and draining structures. Assurance for compliance shall be a part of the surety to be posted with the Township prior to recording of the final plans.
3. The curb height and reveal shall be in accordance with the Township Construction and Material Specifications. All curb within the Township rights-of-way shall be eighteen (18) inches with an eight (8) inch reveal.

4. All comments from the Township Engineer regarding §113 Stormwater Management Ordinance shall be addressed prior to submission to the Board of Supervisors.
5. All administrative items shall be addressed prior to plan recording (Surety, Operation & Maintenance Agreement, final invoices, etc.).
6. The signatures and seals of the individuals responsible for the plan shall be affixed to the plan.
7. The notarized signature of the owner(s) shall be affixed to the plan prior to the Board of Supervisors' meeting.
8. All final plans as recorded shall be submitted in electronic format (i.e. PDF).

MOTION: S. Harlacher

SECOND: D. Markel

#### MOTION PASSED 2-0

Motion to approve the West York Area High School Final Land Development Plan with the following waivers:

1. §121-9 – Preliminary Plan is required for all Land Development Plans.
2. §121.14.C.3/§121.15.C – Existing features within 200' of the subject tract.
3. §121.14.F – Traffic Impact Statement.
4. §121.25 – Sidewalk & Curb along all frontages – waived to the extent granted by the variance.
5. §121.23.L(5)(a) – Minimum driveway radius shall be 20'.
6. Access Drive Ordinance §42.9(A) – Prohibiting access drives from being located less than 150' from street intersection.

Additionally, the Board of Supervisors conditionally approved the use of a temporary parking area (to be added to the plan) for a period of time not to exceed two (2) years, and to be stone surfaced, provided that a note be added to the plan requiring the control of dust.

MOTION: S. Harlacher

SECOND: D. Markel

#### MOTION PASSED 2-0

#### **UNFINISHED BUSINESS**

Nothing scheduled.

#### **NEW BUSINESS**

**Waiver Request:** Motion to table an access drive waiver request from 325 Salem Property, LP, 325 South Salem Church Road. A letter from their attorney requesting the matter be tabled is on file.

MOTION: D. Markel

SECOND: S. Harlacher

MOTION PASSED 2-0

**Fireworks Permit:** Motion to conditionally approve a fireworks permit, pending a final on-site inspection, for the Olde Tyme Carnival to be held on July 22, 2014, with a rain date of July 23, 2014. Township Manager Kelch inquired about having to move the site of the fireworks. Fire Chief Nichols noted if the site is moved the fireworks display may need to be scaled back. Supervisor Markel asked why we are looking at a change of location. Recreation Director Trimmer stated the Township is currently waiting for approval from the school district.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

**Authorization to Participate:** Motion to authorize the West Manchester Township Fire Fighters and Fire Police to participate in the following events:

1. Can Am Fire Police Olympics Opening Ceremonies Parade at the York Expo Center on July 13, 2014.
2. Olde Tyme Carnival Fireworks standby at Sunset Lane Park on July 22, 2014 with a rain date of July 23, 2014.
3. 2014 9/11 Remembrance Parade at the York Expo Center on September 11, 2014.

MOTION: S. Harlacher  
SECOND: D. Markel

MOTION PASSED 2-0

**5K Run:** Motion to approve a request from Prudential Homesale Realty to sponsor the 3<sup>rd</sup> Annual York 5K Run on Saturday, October 4, 2014, beginning with registration at 7:30 am. The run will start in their Kenneth Rd. parking lot; proceed onto Kenneth Rd. to Trolley Rd. to Normandie Dr. and back onto Kenneth Rd. and end in their parking lot. Proceeds will benefit Sunshine Kids (kids with cancer).

MOTION: S. Harlacher  
SECOND: D. Markel

MOTION PASSED 2-0

**Zoning Hearing Board Appointment:** Motion to appoint Kim Kibler, 2732 Sparrow Drive, as an alternate to the Zoning Hearing Board.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

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**Financial Security Request:** Discussion regarding a request from West York Area School District inquiring if the Township would consider a Bond without surety, in lieu of a Letter of Credit/Cash escrow for financial security for the West York Area High School District Project.

Township Solicitor Herrold indicated he has not received the executed documents for the Wallace School project as of June 26, 2014.

Zoning Officer Love indicated the maintenance escrow has not been posted for the Wallace School project and the school district needs to be aware they will be billed as inspections are completed.

Motion to conditionally approve a request from West York Area School District to consider a Bond without surety, in lieu of a Letter of Credit/Cash escrow for financial security for the West York Area High School District project, pending an executed final document for the Wallace School project.

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED 2-0

**Building Permit Fees Waiver Request:** Discussion regarding a request from the West York Area School District to waive building permit fees for the Wallace School project and the West York High School project.

George Fike, Business Manager for the West York Area School District; Robert Crouse, West York School Board Member; and Todd Gettys, West York School Board Member all appeared to urge the Board of Supervisors to waive the permit fees.

Motion to table a request from the West York Area School District to waive building permit fees for the Wallace School Project and the West York High School Project, until the July 24, 2014 Board of Supervisors meeting due to Vice-Chairperson Hickey's absence at the June 26, 2014 meeting.

MOTION: S. Harlacher  
SECOND: D. Markel

MOTION PASSED 2-0

#### **ADMINISTRATIVE REPORTS**

- A. Recreation Director: Trimmer's report was reviewed. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. Nichols reported there are some members of both the fire department and the police department who will be participating in the Can Am games that will be held at the York Expo Center. Nichols thanked the Board for assisting him with furthering his education. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.

- E. Manager: Kelch's report was reviewed. Kelch acknowledged Solicitor Herrold's assistance in settling the Copleland claim and the Gilbert sewer billing situation. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. Love indicated the Township's MS4 Storm water Inspector is available Monday through Friday 8 am to 4:30 pm to answer any questions relating to storm water management. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

#### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

#### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 14-06 Fund 01	16398 - 16530	\$ 425,581.80
WMT Sewer Fund	1783- 1805	\$ 505,787.99
Payroll: Pay Period Ending 05/31/14	Paytime Vouchers	\$ 146,442.46
Payroll: Pay Period Ending 06/14/14	Paytime Vouchers	\$ 144,883.97

MOTION: S. Harlacher

SECOND: D. Markel

MOTION PASSED 2-0

#### ADJOURNMENT


Motion to adjourn the regular meeting at 7:55 pm

MOTION: D. Markel

SECOND: S. Harlacher

MOTION PASSED 2-0

Respectfully Submitted,



Kelly K. Kelch/Secretary

Brenda Brown/Stenographer

MOTION TO APPROVE:

S. Harlacher

SECOND:

R. Hickey

DATE:

7/24/14



PUBLIC MEETING MINUTES

July 24, 2014

Chairman Markel called the meeting to order at 7:00 p.m.

ATTENDANCE

Supervisor's Present: Dave Markel, Chairman  
Rosa Hickey, Vice-Chairperson  
Steve Harlacher, Supervisor

Staff Present: Kelly Kelch, Township Manager  
Kelly Palmer, Stenographer  
John Herrold, Solicitor  
Craig Wilson, Township Engineer  
Dave Nichols, Fire Chief  
Lori Trimmer, Recreation Director  
Stephen Callahan, Public Works Director  
Wendy Boutilier, Finance Director  
Monica Love, Zoning Officer  
Arthur Smith, Chief of Police

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PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

EXECUTIVE SESSION

Chairman Markel announced an Executive Session was held at 6:00 pm prior to the meeting to discuss a personnel matter. No action was taken.

PUBLIC COMMENTS

Chairman Markel requested comments from the public regarding any matter not scheduled for discussion on the Agenda. There were none.

APPROVAL OF MINUTES

The minutes of the June 26, 2014 Regular Public Meeting were presented for approval. Motion to approve the minutes of the June 26, 2014 regular Public Meeting as presented.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

### OPEN FLOOR DISCUSSION

**Jeff Goodyear:** Mr. Goodyear, President of the Penn's Preserve HOA, appeared to request an update regarding the status of the roads in the development.

Township Solicitor Herrold noted the bonding company has been less than forthcoming with the Township. The Township has retained special counsel to bring a suit against the bonding company who is pushing Counsel for the bonding company and the bank to get the issues resolved. This may result in mediation between all parties. Mr. Goodyear asked what could be done about weeds on the empty lots. Zoning Officer Love indicated she is in the process of filing Notices of Violation against Keystone because they did not respond to her previous requests to mow and take care of the weeds.

**Randy Drais**, 1860 Hayward Rd., appeared to request an update on the sewer system. Drais stated he received an e-mail from Township Manager Kelch indicating that since he has obtained legal counsel the Township would not directly respond to his requests for information; instead all communication would need to occur between Drais's attorney and Solicitor Herrold.

Solicitor Herrold stated he received correspondence from Attorney Marc Roberts who represents Drais and three other residents, indicating the Township may directly respond to Drais and the other three residents he is representing.

Drais said he feels two months to complete the I & I is too much time to inspect 300 homes.

Public Works Director Callahan responded that two months is appropriate for the three man crew who have additional responsibilities and can't dedicate 5 days a week to I & I inspections. Many inspections will need to be done in the evenings and weekends because of resident's work schedules.

**Mike Duguid**, 1941 South Drive, submitted a list of questions he would like answered prior to the August Board meeting. The information requested has to do with the Township's sewer system.

**Steve Detter**, 1920 South Drive, indicated he has lived at his residence since 1978 and did not have any sewer problems until 2011/2012. He installed a backflow preventer in 2013 and ended up with water in his basement in March 2014. He said the backflow preventer helps but he still worries when there is rain.

### UNFINISHED BUSINESS

**Building Permit Fees Waiver Request:** Motion to authorize the Township Manager to accept \$51,150.00 from the West York Area School District as payment in full for building permit fees for the West York High School addition and the Wallace School Project, and other miscellaneous permit fees as they relate to these two specific projects.

MOTION: S. Harlacher  
SECOND: D. Markel

MOTION PASSED UNANIMOUSLY

**NEW BUSINESS**

**Road Closure:** Motion to acknowledge a request by the Township to close Wolf's Church Road for five (5) days the week of July 21, 2014 for base repair and paving.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Authorization to Participate:** Motion to authorize the West Manchester Township Fire Fighters and Fire Police to participate in the Manchester Township Fire Muster and Flea Market, October 5, 2014 at Cousler Park in Manchester Township.

MOTION: S. Harlacher  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**325 S. Salem Church Road:** Motion to approve a request from 325 South Salem Church Road to table their application for waivers from Ordinance 96-01, Access Drives, until the September 25, 2014 meeting of the Board of Supervisors.

MOTION: R. Hickey  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

**Road Closure Request:** Motion to approve a request from Vicki Blouse to close the 1900 block of Filbert Street for the annual neighborhood block party to be held on Saturday, September 20, 2014 from 3 pm to 9 pm.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

**Contract Award:** Motion to award a contract to H & H General Excavating Company, Inc., to complete the Derry Run Basin C Project at a bid price of \$110,840.00.

MOTION: D. Markel  
SECOND: R. Hickey

MOTION PASSED UNANIMOUSLY

120243

### ADMINISTRATIVE REPORTS

- A. Recreation Director: Trimmer's report was reviewed. Trimmer stated the Olde Tyme Carnival was a great success. She acknowledged the Stewart Foundation who again sponsored the fireworks. There were no additional questions or comments for Trimmer.
- B. Finance Director: Boutilier's report was reviewed. There were no additional questions or comments for Boutilier.
- C. Fire Chief: Nichols' report was reviewed. There were no additional questions or comments for Nichols.
- D. Police Chief: Smith's report was reviewed. There were no additional questions or comments for Smith.
- E. Manager: Kelch's report was reviewed. There were no additional questions or comments for Kelch.
- F. Engineer: Dawood's report was reviewed. There were no additional questions or comments for Dawood.
- G. Zoning Officer: Loves' report was reviewed. There were no additional questions or comments for Love.
- H. Solicitor: Herrold's report was reviewed. There were no additional questions or comments for Herrold.
- I. Public Works Director: Callahan's report was reviewed. There were no additional questions or comments for Callahan.

### STORM WATER MANAGEMENT/MS4:

Manager Kelch noted Zoning Officer Love and the Township's MS4 Storm Water Inspector are available Monday thru Friday, 8 am to 4:30 pm to answer any questions relating to storm water management.

### APPROVAL OF BILLS

**Bills:** Motion to pay the following bills as presented:

<u>Fund</u>	<u>Check No.</u>	<u>Amount</u>
Warrant 14-07 Fund 01	20000 - 20105	\$ 275,804.21
WMT Sewer Fund	1783- 1805	\$ 46,828.31
Payroll: Pay Period Ending 06/28/14	Paytime Vouchers	\$ 145,798.04
Payroll: Pay Period Ending 07/12/14	Paytime Vouchers	\$ 152,674.12

MOTION: R. Hickey  
SECOND: S. Callahan

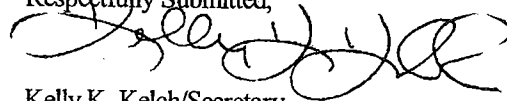
### ADJOURNMENT

Motion to adjourn the regular meeting at 7:32 pm

MOTION: D. Markel  
SECOND: S. Harlacher

MOTION PASSED UNANIMOUSLY

Respectfully Submitted,



Kelly K. Kelch/Secretary  
Kelly Palmer/Stenographer

MOTION TO APPROVE:

R. Hickey

SECOND:

S. Harlacher

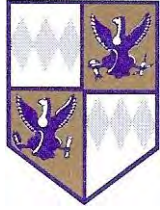
DATE:

8/28/14

120243

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

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**WEST MANCHESTER TOWNSHIP**

# Illicit Discharge Detection and Elimination Program

## Contents

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## Procedures for Identifying Priority Areas

Discharge Screening Factors to Consider (*Illicit Discharge Detection and Elimination, A Guidance Manual for Program Development and Technical Assessments* by the Center for Watershed Protection and Robert Pitt University of Alabama, October 2004):

1. Past Discharge Complaints and Reports – Frequency of past discharge complaints, hotline reports, and spill responses per subwatershed. Any subwatershed with a history of discharge complaints should automatically be designated as having high Illicit Discharge Potential (IDP).
2. Poor Dry Weather Water Quality – Frequency that individual samples of dry weather water quality exceed benchmark values for bacteria, nutrients, conductivity or other predetermined indicators. High risk if two or more exceedances are found in any given year.
3. Density of Generating Sites or Industrial NPDES Stormwater Permits – Density of more than 10 generating sites or five industrial NPDES stormwater sites per square mile indicates high IDP. Density determined by screening business or permit databases
4. Stormwater Outfall Density – Density of mapped stormwater outfalls in the subwatershed, expressed as the average number per stream or channel mile. A density of more than 20 outfalls per stream mile indicates high IDP.
5. Age of Subwatershed Development – Defined as the average age of the majority of development in a subwatershed. High IDP is often indicated for developments older than 50 years. Determined from tax maps and parcel data, or from other known information about neighborhoods.
6. Sewer Conversion – Subwatersheds that had septic systems but have been connected to the sanitary sewer system in the last 30 years have high IDP.
7. Historic Combined Sewer Systems – Subwatersheds that were once served by combined sewer system but were subsequently separated have a high IDP.
8. Presence of Older Industrial Operations – Subwatersheds with more than 5% of its area in industrial sites that are more than 40 years old are considered to have high IDP. Determined from historic zoning, tax maps, and “old-timers.”
9. Aging or Failing Sewer Infrastructure – Defined as the age and condition of the subwatershed sewer network. High IDP is indicated when the sewer age exceeds design life of its construction materials (e.g., 50 years) or when clusters of pipe breaks, spills, overflows or I/I are reported by sewer authorities.

10. Density of Aging Septic Systems – Subwatersheds with a density of more than 100 older drain fields per square mile are considered to have high IDP. Determined from analysis of lot size outside of sewer service boundaries.

## **Procedures for Screening Outfalls**

1. Use MS4 Map to locate outfalls.

During the field work, the MS4 mapping shall be maintained by locating previously unidentified municipal owned stormwater management facilities as well as any newly constructed facilities.

2. When to conduct field screening:

- During dry season and leaf off conditions
- After a dry period of at least 48 hours
- During periods of low groundwater levels

3. Identify where to conduct field screening.

Prioritize by using the discharge screening factors listed in I above. Outfall inspections need to be prioritized according to the perceived chance of illicit discharges within the outfall's contributing drainage area.

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

4. Conduct field screening.

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. 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.

## **Procedures for Identifying the Source of an Illicit Discharge**

When an illicit discharge is identified, a combination of methods may be necessary to isolate the source including the following:

1. Storm Drain Network Investigation – Inspect manholes within the drainage network system to isolate the discharge to a specific segment of the network.

Once the pipe segment has been identified, conduct on-site investigations to locate the specific discharge or an improper connection.

2. Drainage Area Investigation – Analyze the land use or other characteristics of the drainage area that is producing the illicit discharge through a review of available maps and/or by conducting a windshield survey of the drainage area.
3. On-site Investigation – On-site investigations might involve dye, video or smoke testing within an isolated segment of the storm drain network.
4. Septic System Investigation – Survey homeowner(s) and conduct surface inspections to locate a failing septic system.

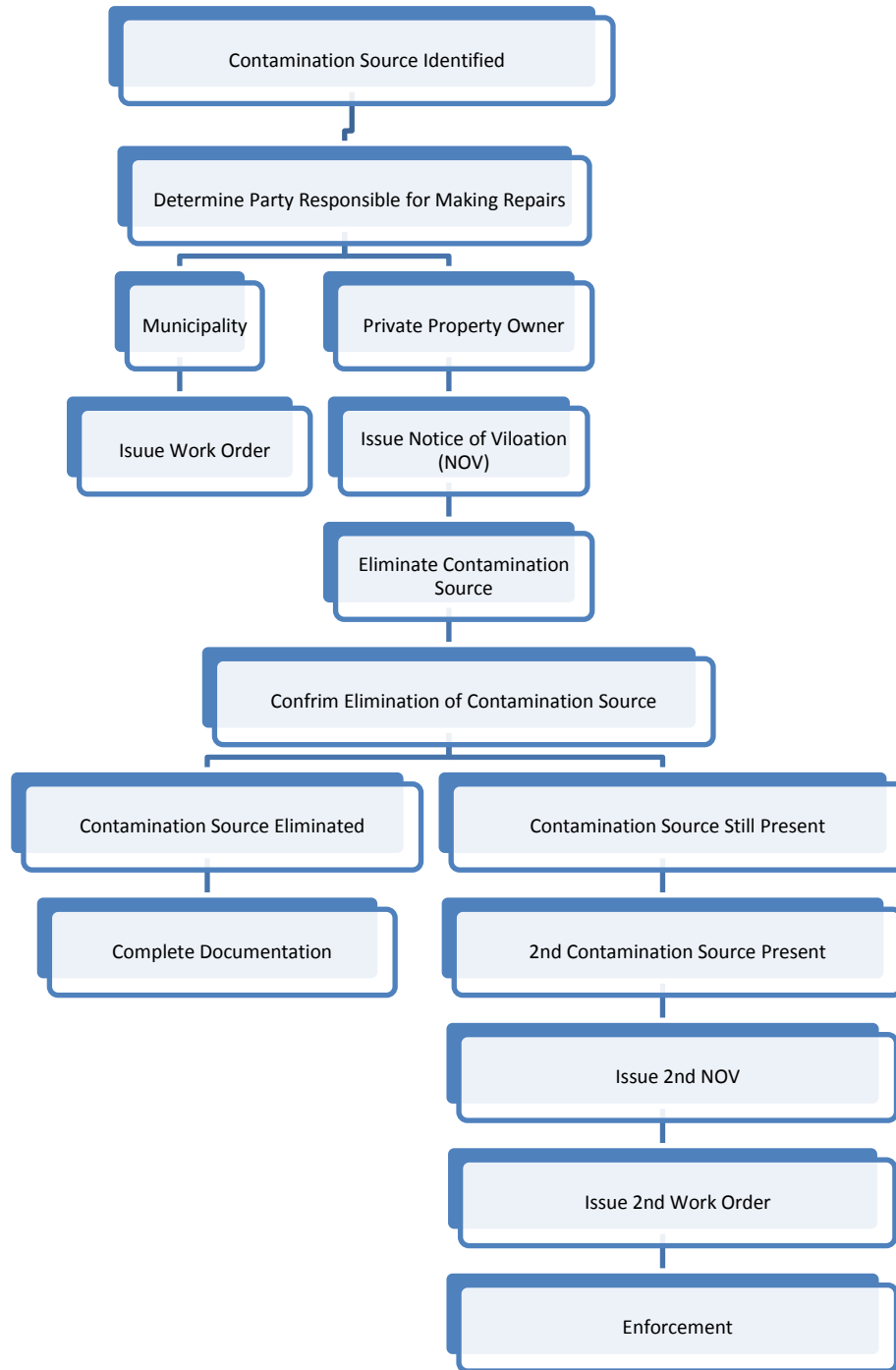
Refer to Chapter 13 of the Illicit Discharge Detection and Elimination Guidance Manual developed by the Center for Watershed Protection and Robert Pitt of the University of Alabama, dated October 2004 for more detailed guidance on tracking a discharge to a source.

## **Procedures for Eliminating an Illicit Discharge**

Illicit discharges generally originate from one of the following sources:

- An internal plumbing connection (e.g., discharge from a washing machine is directed to the building's storm lateral; the floor drain in a garage is connected to the building's storm lateral)
- A service lateral cross-connection (e.g., the sanitary lateral from a building is connected to the MS4)
- An infrastructure failure within the sanitary sewer or MS4 (e.g., a collapsed sanitary line is discharging into the MS4)
- An indirect transitory discharge resulting from leaks, spills, or overflows

Specific procedures for eliminating an illicit discharge will depend on the type and source of the discharge. Following is a flow chart to guide corrective action for removing or correcting an illicit discharge.



The following table provides a summary of a range of methods for fixing the more significant issues. The last six techniques in the table are used for sanitary sewer line repair and rehabilitations. These activities are typically used when there is evidence of significant seepage from the sanitary system to the storm drain system.

Methods to Eliminate Discharges		
Technique	Application	Description
Service Lateral Disconnection, Reconnection	Lateral is connected to the wrong line.	Lateral is disconnected and reconnected to appropriate line.
Cleaning	Line is blocked or capacity diminished.	Flushing; pigging; or rodding.
Excavation and Replacement	Line is collapsed, severely blocked, significantly misaligned, or undersized.	Existing pipe is removed, new pipe placed in same alignment; existing pipe abandoned in place and replaced by new pipe in parallel alignment.
Manhole Repair	Decrease ponding; prevent flow of surface water into manhole; prevent groundwater infiltration.	Raise frame and lid above grade; install lid inserts; grout, mortar or apply shotcrete inside the walls; install new precast manhole.
Corrosion Control Coating	Improve resistance to corrosion.	Spray- or brush-on coating applied to interior of pipe.
Grouting	Seal leaking joints and small cracks.	Seals leaking joints and small cracks.
Pipe Bursting	Line is collapsed, severely blocked, or undersized.	Existing pipe used as guide for inserting expansion head; expansion head increases area available for new pipe by pushing existing pipe out radially until it cracks; bursting device pulls new pipeline behind it.
Slip Lining	Pipe has numerous cracks, leaking joints, but is continuous and not misaligned.	Pulling of a new pipe through the old one.
Fold and Formed Pipe	Pipe has numerous cracks, leaking joints.	Similar to sliplining but is easier to install, uses existing manholes for insertion; a folded thermoplastic pipe is pulled into place and rounded to conform to internal diameter of existing pipe.
Inversion Lining	Pipe has numerous cracks, leaking joints; can be used where there are misalignments.	Similar to sliplining but is easier to install uses existing manholes for insertion; a soft resin impregnated felt tube is inserted into the pipe, inverted by filling it with air or water at one end, and cured in place.

## Procedures for Assessing the Potential for Illicit Discharges Caused by the Interaction of Sewage Disposal Systems with Storm Drain Systems

During assessments or maintenance of outfalls located in areas served by on-lot systems, Township staff shall note for follow up any of the following key surface conditions which may be indicative of an illicit discharge:

- Foul odors in the yard
- Wet, spongy ground; lush plant growth; or burnt grass near the drain field
- Algal blooms or excessive weed growth in adjacent ditches, ponds and streams
- Shrubs or trees with root damage within 10 feet of the system
- Cars, boats, or other heavy objects located over the field that could crush lateral pipes
- Storm water flowing over the drain field
- Cave-ins or exposed system components
- Visible liquid on the surface of the drain field (e.g., surface breakouts)
- Obvious system bypasses (e.g., straight pipe discharges)

### **Mechanisms for Gaining Access to Private Property to Inspect Outfalls**

The Township's Stormwater Management Ordinance provides for access to private property for the purpose of inspecting the condition of the stormwater structures and facilities in regard to any aspect regulated by the Ordinance.

### **Procedures for Program Documentation, Evaluation and Assessment**

The following information shall be updated, maintained and logged for all MS4 outfalls:

- Outfall coordinates
- Watershed
- Contributing Land Use
- Diameter and other identifying physical characteristics
- Outfall Reconnaissance Inventory (ORI) data, as it is collected
- Accompanying digital photos
- Any follow-up monitoring at the outfall or further up the pipe
- Any complaints logged for the outfall, along with the response/action

- Status and disposition of any enforcement actions
- Maintenance and inspection data

The MS4 mapping shall continue to be updated as previously unidentified facilities are located and to include newly constructed facilities.

The program manager shall maintain, evaluate and assess the IDDE program annually and modify the program components as necessary.

## References

1. Illicit Discharge Detection and Elimination *A Guidance Manual for Program Development and Technical Assessments* by the Center for Watershed Protection and Robert Pitt University of Alabama, October 2004



### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed: <u>Codorus Creek</u>		Outfall ID: <u>1-1</u>	
Today's date: <u>09/30/2013</u>		Time (Military): <u>9:30</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>KR/ZW</u>	
Temperature (°F): <u>60°</u>	Rainfall (in.): Last 24 hours: <input type="checkbox"/> Last 48 hours: <input type="checkbox"/>		
Latitude: <u>39.904943</u>	Longitude: <u>-76.827021</u>	GPS Unit: <u>TRIMBLE</u>	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>7</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input checked="" type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: <u>Railroad</u>	
<input checked="" type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

## Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No (If No, Skip to Section 5)

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

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

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

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Faint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

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

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

Some segment build-up in bottom of pipe

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-2a</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>10:57</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>65°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.92619</u>	Longitude: <u>-76.82286</u>	GPS Unit: <u>TRIMBLE</u>	GPS LMK #: _____
Camera: <u>OLYMPUS</u>		Photo #: <u>17-18</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

Section 6: Overall Outfall Characterization

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

Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No  
2. If yes, collected from: ☐ Flow ☐ Pool  
3. Intermittent flow trap set? ☐ Yes ☒ No If Yes, type: ☐ ORM ☐ Caulk dam

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

## OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

### Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-3</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>10:06 AM</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>60</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.925841</u>	Longitude: <u>-76.828014</u>	GPS Unit: <u>Trimble</u>	GPS LMK #: _____
Camera: <u>OLYMPIC</u>		Photo #s: <u>10-11</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known): <u>MARGATE &amp; MADLEIGH DR.</u>			

### Section 2: Outfall Description

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

### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

Section 6: Overall Outfall Characterization

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

Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No  
2. If yes, collected from: ☐ Flow ☐ Pool  
3. Intermittent flow trap set? ☐ Yes ☐ No If Yes, type: ☐ ORM ☐ Caulk dam

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

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-3a</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>10:25A</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>60°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.927598</u>	Longitude: <u>-76.83289</u>	GPS Unit: <u>Trimble</u>	GPS LMK #:
Camera: <u>OLYMPIC</u>		Photo #: <u>12-13</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

## Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No (If No, Skip to Section 5)

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

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

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

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

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

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



# OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

## Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-4</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>10:44</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>65°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.927943</u>	Longitude: <u>-76.823209</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #s: <u>110</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input checked="" type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: <u>HIGHWAY / ROADS</u>	
<input checked="" type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

## Section 2: Outfall Description

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

## Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

## Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No (If No, Skip to Section 5)

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

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

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

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

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

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

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-5</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>10:38</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>65°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.928207</u>	Longitude: <u>-76.823276</u>	GPS Unit: <u>Trimble</u>	GPS LMK #: _____
Camera: <u>OLYMPUS</u>	Photo #s: <u>14-15</u>		
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input checked="" type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: <u>HIGHWAY/RODS</u>	
<input checked="" type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

## Outfall Reconnaissance Inventory Field Sheet

### Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No (If No, Skip to Section 5)

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

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

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

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

### Section 6: Overall Outfall Characterization

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

### Section 7: Data Collection

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

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

D-4

Illicit Discharge Detection and Elimination: Technical Appendices

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-6</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>11:07</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>70°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.928939</u>	Longitude: <u>-76.82023</u>	GPS Unit: <u>Trimble</u>	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>19-20</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: <u>HIGHWAY/RDS.</u>	
<input checked="" type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>28" x 45"</u>  In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully  With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream (Applicable when collecting samples)				
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If No, Skip to Section 5</i>			
Flow Description (If present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

#### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

Section 6: Overall Outfall Characterization

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

Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No  
2. If yes, collected from: ☐ Flow ☐ Pool  
3. Intermittent flow trap set? ☐ Yes ☒ No If Yes, type: ☐ ORM ☐ Caulk dam

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

## OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

### Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-7</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>11:17</u>	
Investigators: <u>KRIZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>70</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.929264</u>	Longitude: <u>-76.817354</u>	GPS Unit: <u>TRIMBLE</u>	GPS LMK #: _____
Camera: <u>OLYMPUS</u>		Photo #s: <u>21-22</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: <u>HIGHWAY / RDS.</u>	
<input checked="" type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known): _____			

### Section 2: Outfall Description

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

### Section 3: Quantitative Characterization

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

## Outfall Reconnaissance Inventory Field Sheet

### Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No (If No, Skip to Section 5)

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

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

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

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

### Section 6: Overall Outfall Characterization

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

### Section 7: Data Collection

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

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

D-4

Illicit Discharge Detection and Elimination: Technical Appendices



# OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

## Section 1: Background Data

Subwatershed: <u>CODORUS</u>		Outfall ID: <u>1-8</u>	
Today's date: <u>9-30-13</u>		Time (Military): <u>11:25</u>	
Investigators: <u>KR/ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>70°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39.92971</u>	Longitude: <u>-76.81548</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>23-24</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input checked="" type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

## Section 2: Outfall Description

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

## Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

## Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No (If No, Skip to Section 5)

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

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

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

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

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

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

ROAD SEDIMENT IN BOTTOM 1/4 OF PIPE.

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed:		Outfall ID: <u>2-1</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>11:30</u>	
Investigators: <u>2W</u>		Form completed by: <u>241</u>	
Temperature (°F): <u>50°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39° 57' 06"</u>	Longitude: <u>76° 49' 36"</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>9</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

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

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

## OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

### Section 1: Background Data

Subwatershed:		Outfall ID: <u>2-2</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>11:40</u>	
Investigators: <u>ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>50°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39°57'07"</u>	Longitude: <u>76°49'31"</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>10</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

### Section 2: Outfall Description

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

### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

## Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No (If No, Skip to Section 5)

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

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

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

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

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

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

## OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

### Section 1: Background Data

Subwatershed:		Outfall ID: <u>Z-3</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>12:00</u>	
Investigators: <u>ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>50°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39°59'17"</u>	Longitude: <u>76°49'33"</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>11</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

### Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>12"</u>  In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully  With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream (applicable when collecting samples)				
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If No, Skip to Section 5</i>			
Flow Description (if present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

## Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No (If No, Skip to Section 5)

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

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

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

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

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

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



### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed:		Outfall ID: <u>2-5</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>12140</u>	
Investigators: <u>ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>55°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39°57'15"</u>	Longitude: <u>76°49'09"</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>13</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

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

Section 6: Overall Outfall Characterization

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

Section 7: Data Collection

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

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

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed:		Outfall ID: <u>2-6</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>12:20</u>	
Investigators: <u>ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>50°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39°57'15"</u>	Longitude: <u>76°49'24"</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>12</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

Section 6: Overall Outfall Characterization

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

Section 7: Data Collection

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

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

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

#### Section 1: Background Data

Subwatershed:		Outfall ID: <u>2-7</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>12:50</u>	
Investigators: <u>ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>60°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #s: <u>14</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input checked="" type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

#### Section 2: Outfall Description

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

#### Section 3: Quantitative Characterization

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

## Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

Section 6: Overall Outfall Characterization

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

Section 7: Data Collection

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

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

# OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

## Section 1: Background Data

Subwatershed:		Outfall ID: <u>2-8</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>13:20</u>	
Investigators: <u>ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>60°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39°57'13</u>	Longitude: <u>76°48'59"</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #s: <u>16</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

## Section 2: Outfall Description

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

## Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

## Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No (If No, Skip to Section 5)

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

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

Are Physical Indicators that are not related to flow present? ☐ Yes ☒ No (If No, Skip to Section 6)

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No

2. If yes, collected from: ☐ Flow ☐ Pool

3. Intermittent flow trap set? ☐ Yes ☒ No If Yes, type: ☐ OEM ☐ Caulk dam

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

D-4

Illicit Discharge Detection and Elimination: Technical Appendices



# OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

## Section 1: Background Data

Subwatershed:		Outfall ID: <u>2-35A</u>	
Today's date: <u>11-22-13</u>		Time (Military): <u>13:10</u>	
Investigator: <u>ZW</u>		Form completed by: <u>ZW</u>	
Temperature (°F): <u>60°</u>	Rainfall (in.): Last 24 hours: <u>0</u> Last 48 hours: <u>0</u>		
Latitude: <u>39°57'35"</u>	Longitude: <u>76°48'30"</u>	GPS Unit:	GPS LMK #:
Camera: <u>OLYMPUS</u>		Photo #: <u>15</u>	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial		<input type="checkbox"/> Open Space	
<input type="checkbox"/> Ultra-Urban Residential		<input type="checkbox"/> Institutional	
<input type="checkbox"/> Suburban Residential		Other: _____	
<input type="checkbox"/> Commercial		Known Industries: _____	
Notes (e.g., origin of outfall, if known):			

## Section 2: Outfall Description

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

## Section 3: Quantitative Characterization

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

# Outfall Reconnaissance Inventory Field Sheet

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

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

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

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

## Section 6: Overall Outfall Characterization

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

## Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No

2. If yes, collected from: ☐ Flow ☐ Pool

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

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

SMASHED PIPE END

# WEST MANCHESTER TOWNSHIP

Form B2 Rev. 082012

## ILLICIT DISCHARGE FIELD SCREENING FORM

OUTFALL #: \_\_\_\_\_ Date: 5-10-13 Time: 2:00 PM

TIME SINCE LAST RAIN:  $\geq 72$  hours < 72 hours  
 QUANTITY OF LAST RAIN:  $\geq 0.1$  inches < 0.1 inches

INSPECTION TEAM: ZW

### SITE DESCRIPTION:

LOCATION (Narrative Description): DERRY RD., NORTH SIDE FROM #2016 TO INLET

STRUCTURE TYPE: OPEN CHANNEL ☐ MANHOLE ☐ OUTFALL ☐ OTHER: GUTTER

DOMINANT WATERSHED LAND USES: INDUSTRIAL ☐ COMMERCIAL ☐ RESIDENTIAL ☐ UNKNOWN ☐

### FLOW ESTIMATION:

WAS FLOW OBSERVED? NO YES IF YES, PLEASE ANSWER a. - d. BELOW.

- a. WIDTH OF WATER SURFACE (feet): 3" - 12"  
 b. APPROXIMATE DEPTH OF WATER (feet): \_\_\_\_\_  
 c. APPROXIMATE FLOW VELOCITY (feet per second): \_\_\_\_\_  
 d. FLOW RATE (cubic feet per second) =  $a \times b \times c =$  \_\_\_\_\_

### VISUAL OBSERVATIONS:

WAS A PHOTO TAKEN? NO ☐ YES ☒ (Roll and Photo Number: \_\_\_\_\_)

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

COLOR: CLEAR RED YELLOW BROWN GREEN GREY OTHER: White

CLARITY: CLEAR CLOUDY OPAQUE

FLOATABLES: NONE OILY SHEEN GARBAGE/SEWAGE OTHER: Powder / STAIN

DEPOSITS/STAINS: NONE SEDIMENTS OILY OTHER: White STAIN / Powder

VEGETATION CONDITION: NONE NORMAL EXCESSIVE GROWTH INHIBITED GROWTH

STRUCTURAL CONDITION: NORMAL CONCRETE CRACKING METAL CORROSION OTHER: \_\_\_\_\_

BIOLOGICAL: MOSQUITO LARVAE BACTERIA/ALGAE OTHER: \_\_\_\_\_

### FIELD ANALYSIS:

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

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

COMMENTS: White residue looks like concrete.  
Doesn't look like any went into inlet.  
\* substance was dust from sawcut in road.

DATA SHEET FILLED OUT BY: (signature): Zane Williams DATE: 5-10-13

(print name): ZANE Williams

# WEST MANCHESTER TOWNSHIP

Form B2 Rev. 082012

## ILLICIT DISCHARGE FIELD SCREENING FORM

OUTFALL #: Greenwood RD. Date: 5-15-13 Time: 12:00

TIME SINCE LAST RAIN: >72 hours <72 hours  
 QUANTITY OF LAST RAIN: ≥0.1 inches <0.1 inches  
 INSPECTION TEAM: ZANE WILLIAMS  
TOWNSHIP ROAD CREW

### SITE DESCRIPTION:

LOCATION (Narrative Description): EAST SIDE OF GREENWOOD RD. JUST NORTH OF  
CATHERINE ST TO INLET AT BOTTOM OF HILL  
 STRUCTURE TYPE: OPEN CHANNEL MANHOLE OUTFALL OTHER: GUTTER

DOMINANT WATERSHED LAND USES: INDUSTRIAL COMMERCIAL RESIDENTIAL UNKNOWN  
 OTHER: \_\_\_\_\_

### FLOW ESTIMATION:

WAS FLOW OBSERVED? NO YES IF YES, PLEASE ANSWER a. - d. BELOW.  
 a. WIDTH OF WATER SURFACE (feet): 6'-12"  
 b. APPROXIMATE DEPTH OF WATER (feet): .01"  
 c. APPROXIMATE FLOW VELOCITY (feet per second): \_\_\_\_\_  
 d. FLOW RATE (cubic feet per second) =  $a \times b \times c =$  \_\_\_\_\_

### VISUAL OBSERVATIONS:

WAS A PHOTO TAKEN? NO YES (Roll and Photo Number: 868-876, 882)

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

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

CLARITY: CLEAR CLOUDY OPAQUE

FLOATABLES: NONE OILY SHEEN GARBAGE/SEWAGE OTHER: \_\_\_\_\_

DEPOSITS/STAINS: NONE SEDIMENTS OILY OTHER: Reddish Brown

VEGETATION CONDITION: NONE NORMAL EXCESSIVE GROWTH INHIBITED GROWTH

STRUCTURAL CONDITION: NORMAL CONCRETE CRACKING METAL CORROSION OTHER: \_\_\_\_\_

BIOLOGICAL: MOSQUITO LARVAE BACTERIA/ALGAE OTHER: \_\_\_\_\_

### FIELD ANALYSIS:

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

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

COMMENTS: A REDDISH BROWN STAIN ALONG THE EAST SIDE OF GREENWOOD RD.  
WAS OBSERVED. CONSTRUCTION WORK WAS TAKING PLACE IN AREA.  
DISCOLORED STAIN WAS FROM SOIL/CLAY ALONG EDGES OF ROAD.  
WHERE TRUCKS HAD RUNOVER, THEN WASHED DOWN GUTTER WHEN RAINED.

DATA SHEET FILLED OUT BY: (signature): Zane Williams DATE: 5-15-13

(print name): ZANE WILLIAMS

# WEST MANCHESTER TOWNSHIP

Form B2 Rev. 082012

## ILLCIT DISCHARGE FIELD SCREENING FORM

OUTFALL #: \_\_\_\_\_ Date: 6-13-13 Time: 3:30

TIME SINCE LAST RAIN: >72 hours <72 hours  
 QUANTITY OF LAST RAIN: ≥0.1 inches <0.1 inches  
 INSPECTION TEAM: Z.W.  
Kim, ROAD CREW

### SITE DESCRIPTION:

LOCATION (Narrative Description): 3017 RIDINGS WAY

STRUCTURE TYPE: OPEN CHANNEL ☐ MANHOLE ☐ OUTFALL ☐ OTHER: INLET

DOMINANT WATERSHED LAND USES: INDUSTRIAL ☐ COMMERCIAL ☐ RESIDENTIAL ☐ UNKNOWN ☐

### FLOW ESTIMATION:

WAS FLOW OBSERVED? NO ☐ YES ☐ IF YES, PLEASE ANSWER a. - d. BELOW.  
 a. WIDTH OF WATER SURFACE (feet): CONTAINED IN INLET  
 b. APPROXIMATE DEPTH OF WATER (feet): 4"  
 c. APPROXIMATE FLOW VELOCITY (feet per second): N/A  
 d. FLOW RATE (cubic feet per second) =  $a \times b \times c =$  N/A

### VISUAL OBSERVATIONS:

WAS A PHOTO TAKEN? NO ☐ YES ☐ (Roll and Photo Number: \_\_\_\_\_)

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

COLOR: CLEAR ☐ RED ☐ YELLOW ☐ BROWN ☐ GREEN ☐ GREY ☐ OTHER: Yellowish/white

CLARITY: CLEAR ☐ CLOUDY ☐ OPAQUE ☐

FLOATABLES: NONE ☐ OILY SHEEN ☐ GARBAGE/SEWAGE ☐ OTHER: FOAM/Bubbles

DEPOSITS/STAINS: NONE ☐ SEDIMENTS ☐ OILY ☐ OTHER: WHITE STUFF ON GRATE

VEGETATION CONDITION: NONE ☐ NORMAL ☐ EXCESSIVE GROWTH ☐ INHIBITED GROWTH ☐

STRUCTURAL CONDITION: NORMAL ☐ CONCRETE CRACKING ☐ METAL CORROSION ☐ OTHER: \_\_\_\_\_

BIOLOGICAL: MOSQUITO LARVAE ☐ BACTERIA/ALGAE ☐ OTHER: \_\_\_\_\_

### FIELD ANALYSIS:

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

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

COMMENTS: INLET WAS CLEANED AND VACUUMED OUT, NOTHING IN DOWN STREAM INLET. WAS DETERMINED TO BE PLASTER OR JOINT COMPOUND. DOOR HANGERS PASSED OUT TO HOUSES IN AREA.

DATA SHEET FILLED OUT BY: (signature): Joel Williams DATE: 6-14-13

(print name): ZANE WILLIAMS

ILLICIT DISCHARGE FIELD SCREENING PROGRAM  
Data Collection Form

OUTFALL #: \_\_\_\_\_ Date: 9-3-13 Time: 10:35 AM

TIME SINCE LAST RAIN: >72 hours <72 hours  
QUANTITY OF LAST RAIN: >0.1 inches <0.1 inches  
INSPECTION TEAM: Z Williams  
Kim Wilkins

**SITE DESCRIPTION:**

LOCATION (Narrative Description): LEMON ST. WEST TO STREAM

STRUCTURE TYPE: OPEN CHANNEL MANHOLE OUTFALL OTHER: STREET/CUTTER

DOMINANT WATERSHED LAND USES: INDUSTRIAL COMMERCIAL RESIDENTIAL UNKNOWN  
OTHER: CONCRETE PLANT

**FLOW ESTIMATION:**

WAS FLOW OBSERVED? (NO) YES IF YES, PLEASE ANSWER a. - d. BELOW.

- a. WIDTH OF WATER SURFACE (feet): \_\_\_\_\_  
b. APPROXIMATE DEPTH OF WATER (feet): \_\_\_\_\_  
c. APPROXIMATE FLOW VELOCITY (feet per second): \_\_\_\_\_  
d. FLOW RATE (cubic feet per second) =  $a \times b \times c$  = \_\_\_\_\_

**VISUAL OBSERVATIONS:**

WAS A PHOTO TAKEN? NO (YES) (Roll and Photo Number: IDD-3 Lemon St. Folder)

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

COLOR: CLEAR RED YELLOW BROWN GREEN GREY OTHER: WHITE

CLARITY: CLEAR (CLOUDY) OPAQUE

FLOATABLES: NONE OILY SHEEN GARBAGE/SEWAGE OTHER: \_\_\_\_\_

DEPOSITS/STAINS: NONE SEDIMENTS OILY OTHER: WHITE

VEGETATION CONDITION: (NONE) NORMAL EXCESSIVE GROWTH INHIBITED GROWTH

STRUCTURAL CONDITION: (NORMAL) CONCRETE CRACKING METAL CORROSION OTHER: \_\_\_\_\_

BIOLOGICAL: MOSQUITO LARVAE BACTERIA/ALGAE OTHER: \_\_\_\_\_

**FIELD ANALYSIS:**

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

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

COMMENTS: TALKED TO CONCRETE PLANT SAFETY DIRECTOR, DETERMINED TO BE LIME STONE WASHED OUT OF PLANT DURING HEAVY RAIN (3.5") A WEEK OR TWO AGO.

DATA SHEET FILLED OUT BY: (signature): Zane Williams DATE: 9-3-13

\* STREET WAS SWEEP FROM DLW TO INLET, INLET TO BE VACUUMED OUT.

(print name): ZANE Williams

# CITIZEN COMPLAINT ILLICIT DISCHARGE REPORTING FORM

Name: Anon. Contact Phone Number: \_\_\_\_\_  
 Date: 6-19-14 Time Discharge Discovered: 3:15pm  
 Date of Last Rain Event: current Estimated Quantity of Rain: \_\_\_\_\_ in.

LOCATION OF DISCHARGE (indicate nearby street intersections, addresses, and/or landmarks for reference): Emerald Ave & Saddleback

WHERE WAS DISCHARGE FOUND? OPEN DITCH ☐ STREAM ☐ PIPE OUTFALL ☐ OTHER: Street gutter  
 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: Chlorine  
 COLOR: ☒ CLEAR RED ☐ YELLOW ☐ BROWN ☐ GREEN ☐ GREY OTHER: \_\_\_\_\_  
 CLARITY: ☒ CLEAR CLOUDY ☐ OPAQUE ☐  
 WAS THERE AN: OILY SHEEN ☐ YES ☒ NO  
 GARBAGE/SEWAGE ☐ YES ☒ NO  
 OTHER: \_\_\_\_\_

ADDITIONAL INFORMATION TO ASSIST IN THE INVESTIGATION: Pool hose out to Saddleback close to inlet

Follow up Investigation (to be completed by CCD staff)			
OUTFALL NO: _____	INSPECTOR NAME <u>M. Love</u>	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 <input type="checkbox"/> YES <input type="checkbox"/>			
(if yes attach copy of chain-of-custody record)			
COMMENTS: _____			
_____			
_____			
DATA SHEET FILLED OUT BY: (signature) <u>M. Love</u> DATE: _____			
Additional notes to file: <u>Pipe/hose removed by the time I got on site</u>			
<u>notice &amp; literature will be sent to home/pool owner - it's the only</u>			
<u>pool on the corner.</u>			
Follow-up with Complainant: _____			
_____			
_____			



**WEST MANCHESTER TOWNSHIP**

**380 EAST BERLIN RD YORK, PA 17408**

**Ph: (717) 792-3505**

**Fax: (717) 792-4374**

Friday, June 20, 2014

JEFFREY A JR MCCLANE  
1791 EMERALD AVE  
YORK, PA 17408

Subject: 140172 NOTICE  
Violation: POOL DRAINAGE TO STREET  
Location: INDIVIDUAL LOT (--) 1791 EMERALD AVE  
ParcelID: 5100025003100

Re: Violation of the Code of the Township of West Manchester,  
Zoning Ordinances 150-229(B)  
1791 Emerald Avenue, York PA

Please be advised that the draining of your swimming pool onto a public street is a violation of Section 150-229(B) of the West Manchester Township Zoning Ordinance. This section prohibits swimming pools from being drained onto any public street or alley. If it is discovered that the pool water has high concentrations of chemicals, you may also be charged with an illicit discharge to the Waters of the Commonwealth under the Federal Clean Streams Act. The discharge of anything other than stormwater into a municipal storm sewer is a direct violation of Township, State and Federal Laws.

This letter is your official notice of violation. In future, the pool must be drained of water at a rate that allows the water to be absorbed into the ground, ON YOUR PROPERTY. If high concentrations of chemicals are present in the water, it should be pumped and hauled away to a treatment facility by a professional. Draining of the pool to the street must cease immediately.

If the violation occurs again, it is the Township's intent to file a civil enforcement proceeding with the district magistrate for violation, neglect or refusal to comply with this ordinance. Fines for this violation shall not exceed \$500 plus all court costs, including reasonable attorney's fees incurred.

You have the right to appeal to the West Manchester Township Zoning Hearing Board. This appeal must be filed within thirty days of the receipt of this letter. Failure to appeal before the Zoning Hearing Board will result in a conclusive determination that a violation has occurred. Failure to comply with this notice within the time period set forth in this letter, unless extended by the appeal to the Zoning Hearing Board, will result in this matter being forwarded to the District Justice for determination of the penalty to be imposed. This enforcement proceeding will only determine the penalty and not whether or not a violation occurred.

It is my hope that you will comply with these Ordinances, thus making any further legal action on the Township's part unnecessary. If you have any questions concerning this matter, please feel free to contact me at 792-3505. Thank you for your anticipated cooperation.

Sincerely,

MONICA LOVE, ZONING OFFICER  
WEST MANCHESTER TOWNSHIP



The Street Sweeper  
has cleaned the street  
6-4-14

Street Looks

Great

Now Tell the Residents



1841 - He will be doing it until  
1861 - Guarantee

Wynndhurst Ct. - to stop  
mowing all their grass  
out into the street.

Don't the Rules say not  
to do this so sewer lines  
aren't clogged up

90% of neighbors obey the Rules. How about a  
fine







## 2013-2014 Public Outreach :

4/24/2013 2039 Lycan Drive – Notice lawn clippings blown into street and gutter, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

5/2/2013 119 Gotwalt St. – Notice lawn clippings blown into street and gutter, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

5/6/2013 2450 Wyndhurst Ln. – Notice lawn clippings blown into street and gutter, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

5/15/2013 Amethyst Road – Resident reported clogged storm drain on Amethyst Road between Topaz and Sapphire Roads. A field inspection was performed and confirmed the two 36" cmp pipes were definitely clogged with debris(branches, leaves, trash, silt, and grass). The Township brought in a backhoe and dump truck and proceeded to clean out the debris from the cmps(see photos).

Zane Williams

5/20/2013 1528 Greenmeadow Dr. – Notice lawn clippings blown into street and gutter, also in inlet grate, left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

6/03/2013 2125 Thoroughbred Court. – Resident notice neighbor dumping lawn clippings into inlet. Took picture of inlet and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

7/16/2013 170 Margate Rd. – Notice lawn clippings blown into street and gutter. Took picture of street and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

7/16/2013 1945 Orange St. – Notice lawn clippings blown into street and gutter. Took picture of street and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

8/23/2013 2710 Rosebay Drive – Resident notice neighbor dumping lawn clippings into inlet. Took picture of inlet and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

8/30/2013 2665 Rosebay Drive – Notice lawn clippings blown into street and gutter. Took picture of street and left a Nothing but Rain in the Drain Door Hanger notifying property owner of problem and possible fines in the future.

Zane Williams

6/4/2014 1861 Wynhurst Court – Resident noticed lawn clippings being blown into street and gutter, notified township. Township left a Nothing but Rain in the Drain Door Hanger, Protecting Water Quality from Urban Runoff Brochure, and The Solution to Stormwater Pollution Brochure notifying property owner of problem and possible fines in the future.

Zane Williams

6/4/2014 1841 Wynhurst Court – Resident noticed lawn clippings being blown into street and gutter, notified township. Township left a Nothing but Rain in the Drain Door Hanger, Protecting Water Quality from Urban Runoff Brochure, and The Solution to Stormwater Pollution Brochure notifying property owner of problem and possible fines in the future.

Zane Williams

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

---

Township Reference No.	Dawood Project No.	Project Name	Submission		Status			BMPs	Latitude	Longitude
			Type	New/Redevelopment/Addition	(Under Review/Approved/Under Construction/Constructed)	Constructed				
1	T-775	411016	Integrity Bank	LD Plan	Redevelopment	Under Review	Four infiltration basins.	39.966606	-76.775192	
2	T-777	412010	Dairy Queen	LD Plan	New	Constructed	2012	Bioretention area.	39.980092	-76.760436
3	T-778	411019	York Rail Transload Facility	LD Plan	Addition	Constructed	2012	Two bioretention basins and one detention basin.	39.947264	-76.774744
4	T-791	413003	West Manchester Mall	LD Plan	Redevelopment	Under Review		Retrofit existing basin to include: infiltration; amended soils; forebay with amended soils; and wet pond with clay liner.	39.972422	-76.768264
								Three 2,500-gallon cisterns.		
	T-786	413004	Wallace Elementary School	LD Plan	Redevelopment	Approved		Two infiltration basins with amended soils.	39.978717	-76.788944
	T-785	413005	Polli Equities, Ltd.	LD Plan	Addition	Constructed		Reduction in existing impervious area.	39.957792	-76.786978
7	T-787	413007	1600 Colony Road	LD Plan	Redevelopment	Under Construction		Two rain gardens and two detention/infiltration basins.	39.972889	-76.778864
8		413008	Eyes of York	SWM Plan	Addition	Approved		Infiltration trench and resize two existing basins.	39.981783	-76.779961
9	T-790	413009	581 Manchester Court	LD Plan	New	Under Construction		One seepage bed and pervious pavement.	39.951217	-76.786311
10		414002	R. Gregory Nicholas	SWM Plan	New	Approved		Two seepage beds and grass pavers.	39.962256	-76.782575
11	T-793	414003	West York High School	LD Plan	Addition	Under Review		Two subsurface infiltration basins.	39.959844	-76.763983
12	T-794	414004	Dollar General	LD Plan	New	Under Review		Two infiltration basins interconnected by an infiltration trench.	39.9281	76.832667
13		414006	YATA	SWM Plan	Redevelopment	Under Review		TBD	39.944933	-76.793817



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

August 5, 2014

Manchester Mall Associates LLC  
Ryan Heindel  
1800 Loucks Road Suite 602  
York PA 17408

**RE: Earth Disturbance Inspection for  
West Manchester Mall**  
Permit # PAG-02-0067-13-010  
File # 041-13  
West Manchester Township  
York County

Dear Mr. Heindel:

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Chapter 102, Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharges from construction activities.

As of 7/31/2014, the above-referenced site meets the requirements of the Chapter 102 Erosion and Sediment Control regulations. See the enclosed inspection report for comments. The Conservation District will conduct additional inspections of the above referenced site until all disturbed areas are permanently stabilized.

Please contact our office at ph. # 717-840-7430 if you should have any questions.

Sincerely,

Karen Ward  
Engineering Technician II

Enc. Inspection report  
cc: West Manchester Township  
Laura Harrington, M&R Investors

File w/





## EARTH DISTURBANCE INSPECTION REPORT

Project Name West Manchester Mall Clearing Inspection Date 7/31/14 Inspection Time 9:00 - 9:15  
 Weather Conditions 72 degrees, sunny Total Project Area 95.60 acres  
 Location Northwest corner of intersection of Routes 30 and 74 Total Disturbed Area > than 1 acre  
 Municipality West Manchester Township County York  
 Receiving Water(s) Willis Run Designated/Existing Use WWF

Responsible Party(s) Manchester Mall Associates LLC M & R Investors  
 (name & address) Ryan Heindel, Operations Manager Attn: Laura Harrington, Property Manager  
The West Manchester Mall 12770 Coit Road, Suite 810  
1800 Loucks Road, Suite 602, York, PA 17408 Dallas, TX 75251

Site Representative No one on site Inspector (name) Karen Ward  
 (title) \_\_\_\_\_ (title) Engineering Tech II

Type of Inspection (check only one) Photographs Taken ☒ Yes ☐ No  
 Routine Complete ☐ Routine Partial ☐ Follow-up ☐ Complaint ☐ Final ☒

### Site Description & Observations:

### Violations

- 1) Inspection to follow up Report 2 dated 05/23/13. Complaint #041-13 closed.
- 2) All areas of earth disturbance has been stabilized with grass established and mowed.
- 3) Existing basin bottom stabilized.

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Erosion & Sediment Control Plan requested	<input type="checkbox"/> Res. Subdivision (RSBD)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	<input type="checkbox"/> Govmt. Facilities (GOV)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NPDES Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
		<input type="checkbox"/> Phased Constr. <input checked="" type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Recreation Facilities (RECF)
Permit #:	Exp. Date:	<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)





## EARTH DISTURBANCE INSPECTION REPORT

Project Name West Manchester Mall Clearing Inspection Date 7/31/14 Inspection Time 9:00 - 9:15

### Inspection Findings (check as many as appropriate)

### Reference

- |  |                                     |           |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/>            | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input type="checkbox"/>            | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/>            | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***



## EARTH DISTURBANCE INSPECTION REPORT

Project Name West Manchester Mall Clearing Inspection Date 7/31/14 Inspection Time 9:00 - 9:15  
Continuation Sheet  
Site Description & Observations Violations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

- 1) Site has achieved "uniform 79% perennial vegetative cover." Complaint #041-13 closed.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

*Karl Ward*  
(Inspector's Signature)

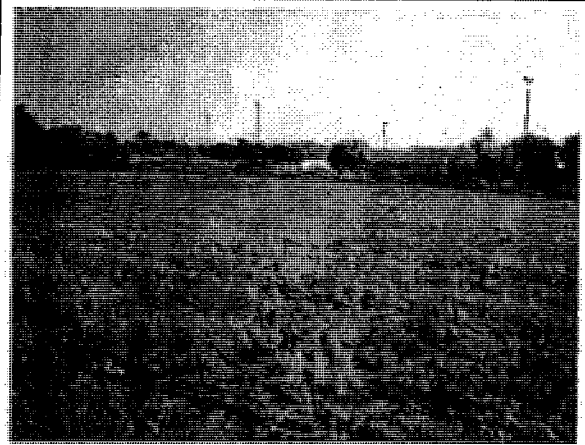
07/31/14.  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

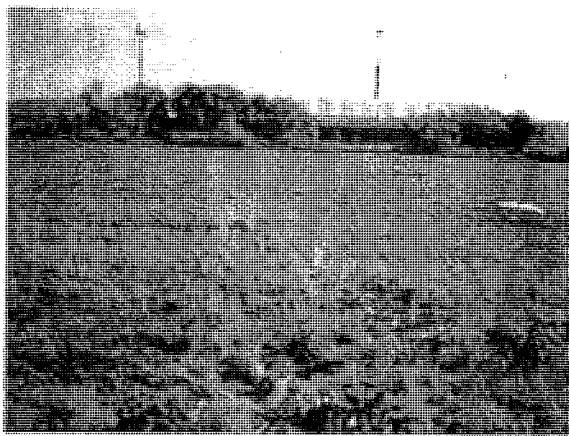
Date:	07/31/14	Site Name:	West Manchester Mall	Permit #	PAG2006713010
Municipality	West Manchester Twp	Complaint #	041-13 Closed	Photographer:	K. Ward
Weather :	72 degrees, sunny	Insp. #	Report 3	Type of Camera :	Digital



Overview off Havilland Road



Overview off Havilland Road



Overview off Havilland Road



Overview off Havilland Road



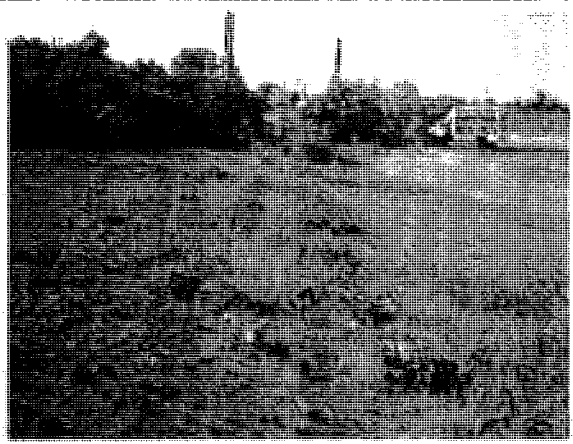
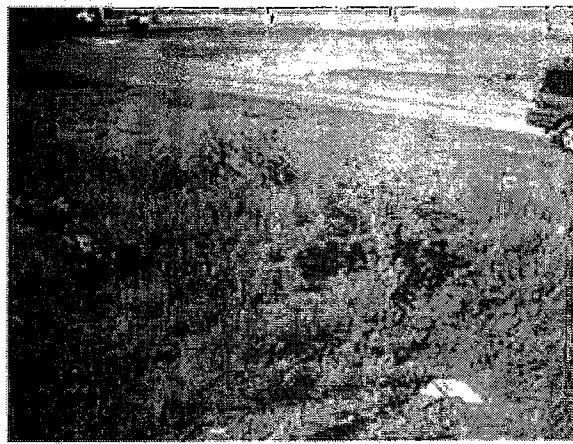
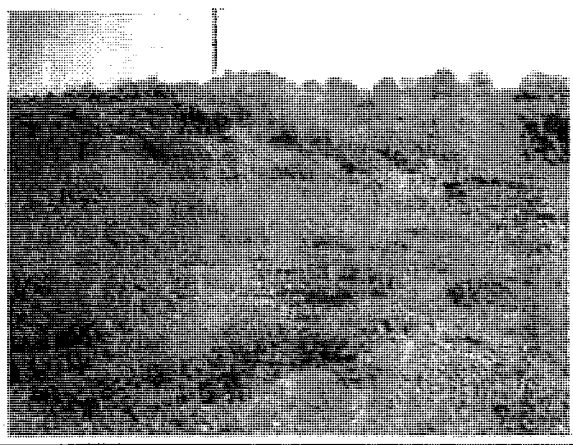
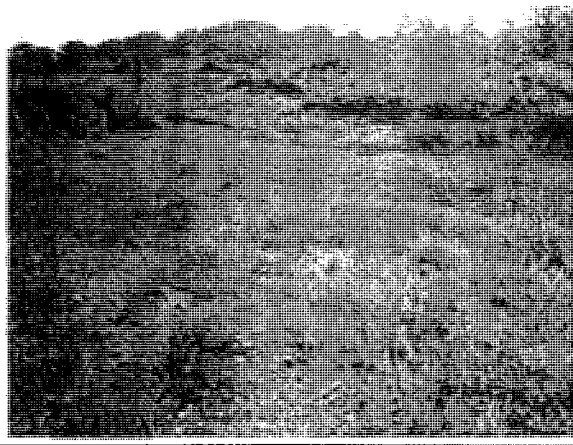
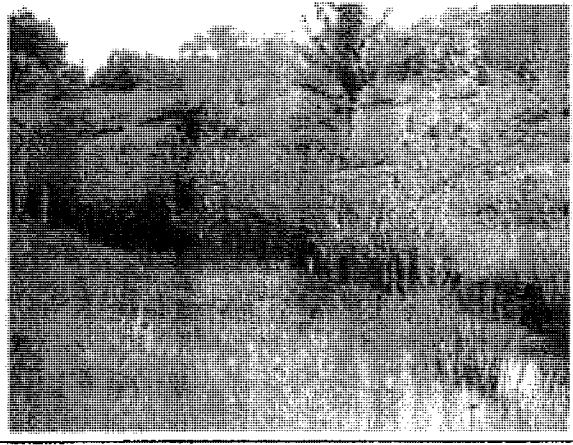
Overview off Havilland Road

1

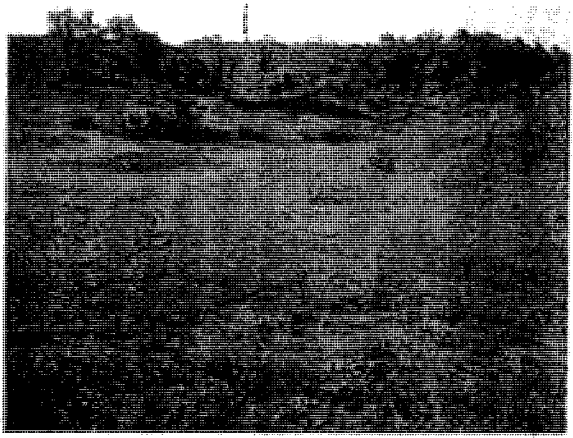

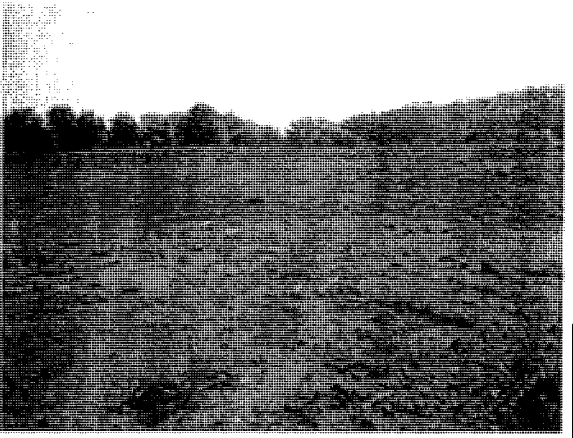





Overview off Havilland Road


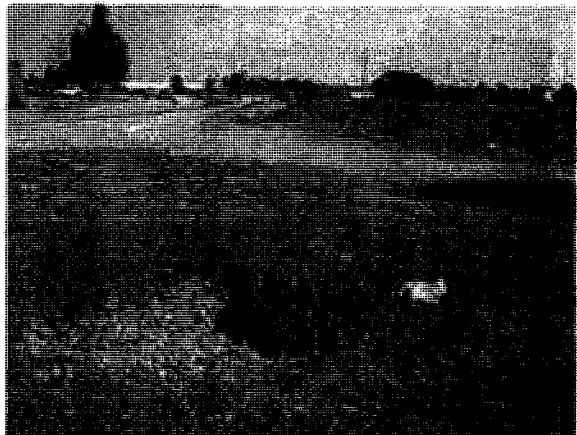
Date:	07/31/14	Site Name:	West Manchester Mall	Permit #	PAG2006713010
Municipality	West Manchester Twp	Complaint #	041-13 Closed	Photographer:	K. Ward
Weather :	72 degrees, sunny	Insp. #	Report 3	Type of Camera :	Digital

		
Overview off loop road		Overview off loop road
		
Overview off loop road		Overview off loop road
		
Access to existing basin	2	Access to existing basin

Date:	07/31/14	Site Name:	West Manchester Mall	Permit #	PAG2006713010
Municipality	West Manchester Twp	Complaint #	041-13 Closed	Photographer:	K. Ward
Weather :	72 degrees, sunny	Insp. #	Report 3	Type of Camera :	Digital

		
Existing basin		Existing basin
		
Existing basin		Existing basin
		
Existing basin	3	Access to existing basin

Date:	07/31/14	Site Name:	West Manchester Mall	Permit #	PAG2006713010
Municipality	West Manchester Twp	Complaint #	041-13 Closed	Photographer:	K. Ward
Weather :	72 degrees, sunny	Insp. #	Report 3	Type of Camera :	Digital

		
Sinkhole forming off loop road	4	Sinkhole forming off loop road



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

August 1, 2014

K.E. Colony LLC  
Mike Jeffers  
6259 Reynolds Mill Road  
York PA 17360

**RE: Earth Disturbance Inspection for  
1600 Colony Rd  
Permit # PAG02006713039  
West Manchester Township  
York County**

Dear Mr. Jeffers:

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Chapter 102, Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharges from construction activities.

As of 7/2/2014, the above-referenced site meets the requirements of the Chapter 102 Erosion and Sediment Control regulations. See the enclosed inspection report for comments. The Conservation District will conduct additional inspections of the above referenced site until all disturbed areas are permanently stabilized.

Please contact our office at ph. # 717-840-7430 if you should have any questions.

Sincerely,

Karen Ward  
Engineering Technician II

Enc. Inspection report  
cc: West Manchester Township

File wl





**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 1600 Colony Road Inspection Date 7/2/14 Inspection Time 11:00 - 11:45  
Weather Conditions 96 degrees, sunny Total Project Area 10.25 acres  
Location Between Trolley and Loucks Road Total Disturbed Area 8.50 acres  
Municipality West Manchester Township County York  
Receiving Water(s) Willis Run Designated/Existing Use UNT

Responsible Party(s) K. E. Colony, LLC

(name &amp; address)

Attn: Mike Jeffers6259 Reynolds Mill RoadYork, PA 17360Site Representative Jim Shaffer, Kinsley

(title)

Inspector (name) Karen Ward

(title)

Engineering Technician

Type of Inspection (check only one)

Routine Complete ☒Routine Partial ☐Follow-up ☐

Photographs Taken

☒ Yes ☐ NoComplaint ☐ Final ☐

## Site Description &amp; Observations:

## Violations

1) Routine inspection to follow up Report 1 dated 03/13/14. Approved E&S plan and visual inspection logs available on site.

2) Asphalt paving underway - no mud tracked onto roadway. Lawns will be made in 2 weeks.

3) 12 inch compost filter sock maintained per plan.

a. Sock at road along inside driveway replaced with wood chip mulch berm for ease of maintenance. Should maintain dimensions listed in Standard Construction Detail #4-12.

b. Wetlands wrapped.

c. Plan shows a gap in sock at Basin 1 outfall STM F1 but additional 18 inch silt fence has been installed from end to end wrapped up and around endwall.

☒ Continued on page 3 of 3

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Erosion & Sediment Control Plan requested	<input type="checkbox"/> Res. Subdivision (RSBD)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	<input type="checkbox"/> Govt. Facilities (GOV)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NPDES Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
		<input type="checkbox"/> Phased Constr. <input checked="" type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Recreation Facilities (RECF)
Permit #:	PAG02-0067-13-039	Exp. Date:	11/13/18
		<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)
		<input type="checkbox"/> Agricul. Activities (AGA)	





## EARTH DISTURBANCE INSPECTION REPORT

Project Name 1600 Colony Road Inspection Date 7/2/14 Inspection Time 11:00 - 11:45

### Inspection Findings (check as many as appropriate)

### Reference

- |  |                                     |           |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/>            | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input type="checkbox"/>            | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input checked="" type="checkbox"/> | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/>            | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2**EARTH DISTURBANCE INSPECTION REPORT**

Project Name 1600 Colony Road Inspection Date 7/2/14 Inspection Time 11:00 - 11:45

## Continuation Sheet

Violations

## Site Description &amp; Observations

## 4) Basin 1 and Trap 1:

- a. Construction back in sequence with basin and trap installation completed.
- b. Both risers with plywood orifice plates installed per plan with correct perforations. Per JS plywood will be recaulked.
- c. Basin 1 baffle installed.
- d. Berms seeded and straw mulched with grass sprouted.
- e. Rock apron outfalls installed per plan.

Discussed possibility of converting basin and trap now. Per JS this is being considered in order to avoid moving stockpiles off site only to bring soil back in again for amended soil mix in basin and trap. YCCD pointed out that it's too early to convert because the rain gardens must be permanently stabilized prior to sediment facility conversion. It was agreed on site that since the basin and trap are proposed as detention facilities rather than infiltration and compaction is not an issue, the ponds could be used to store the soil and mix the amendments for the soil amendment bottoms.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

**Compliance Assistance Measures**

- 1) No violations observed at this site visit.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

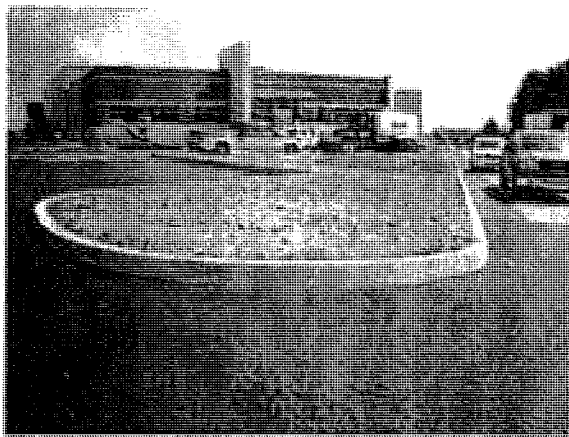
\_\_\_\_\_  
(Signature of Site Representative)\_\_\_\_\_  
(Date)

*Karl J. Ward*  
(Inspector's Signature)

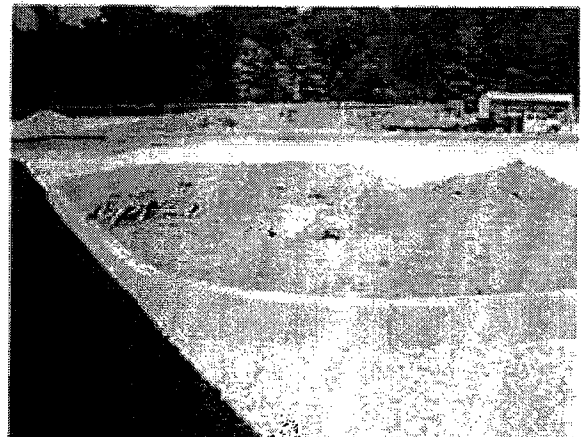
7/2/2014  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

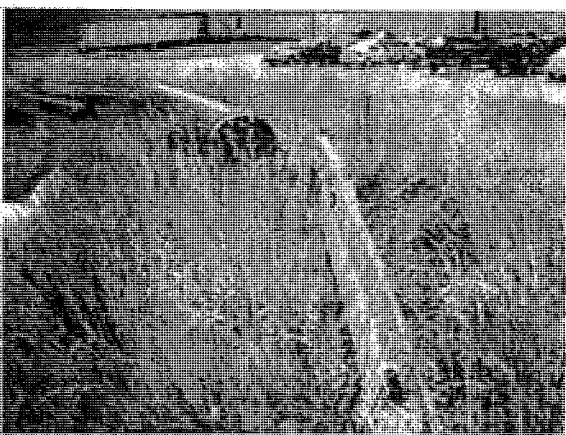
Date:	07/02/14	Site Name:	1600 Colony Road	Permit #	PAG2006713039
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	96 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



Areas to be vegetated  
being dressed with topsoil



Areas to be vegetated  
being dressed with topsoil



Compost filter sock maintained in place  
along south east perimeter



Compost filter sock maintained in place  
along south east perimeter



Rain Garden 2 seeded



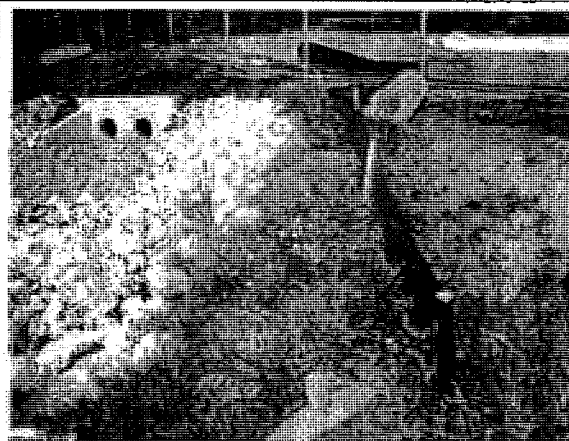
Rain Garden #2 emergency spillway lined

1

Date:	07/02/14	Site Name:	1600 Colony Road	Permit #	PAG2006713039
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	96 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



Sediment Basin 1



Silt fence installed below disturbed top of berm



Basin 1 outfall

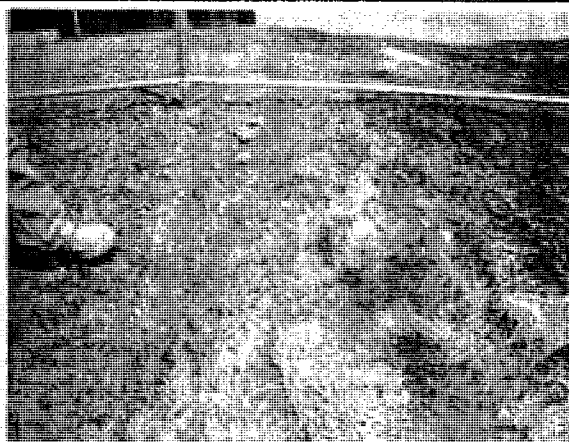


Bird's eye view



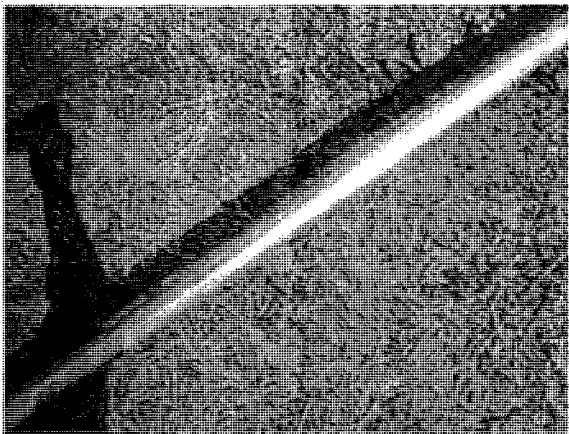
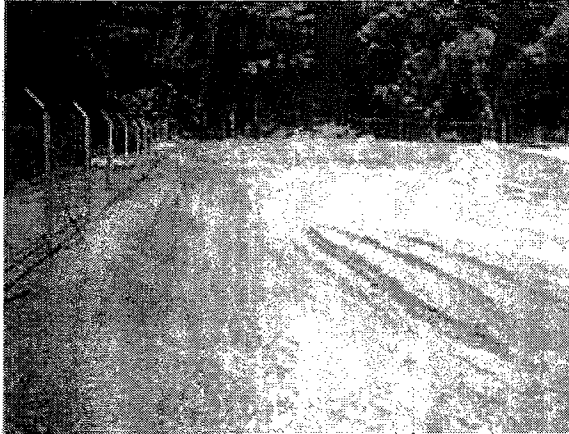
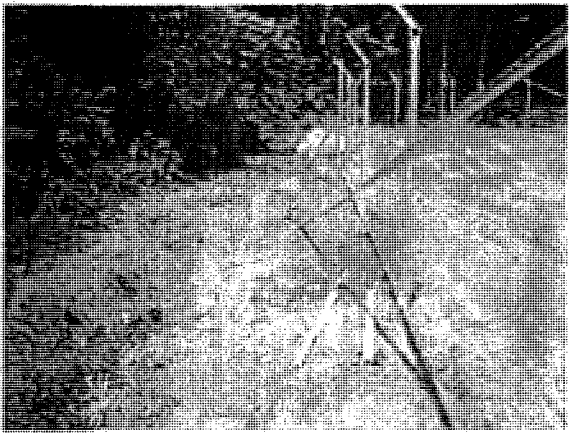
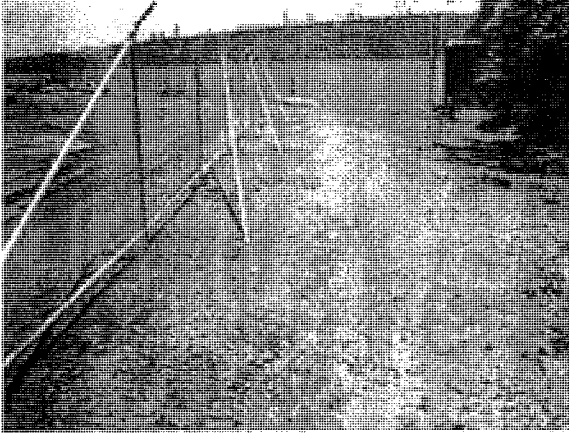
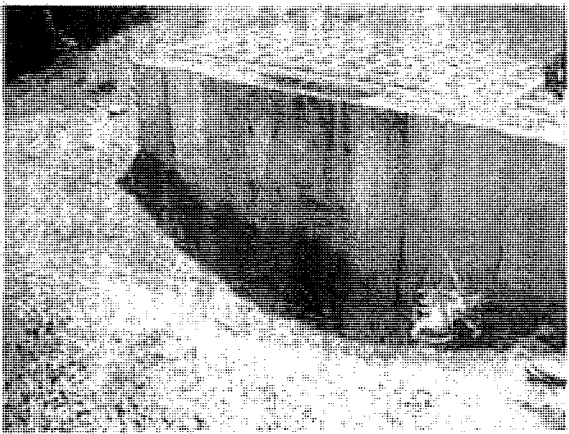

Compost filter sock maintained in place at Sediment Basin 1

2



Grass sprouting along outside of emergency spillway lining

Date:	07/02/14	Site Name:	1600 Colony Road	Permit #	PAG2006713039
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	96 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital

		
Bird's eye view of grass sprouting on Basin 1 top of berm		Overview of basin 1
		
Grass sprouting on Basin 1 top of berm		Grass sprouting on Basin 1 top of berm
		
Basin 1 riser and temporary plywood cover	3	Basin 1 outfall



Date:	07/02/14	Site Name:	1600 Colony Road	Permit #	PAG2006713039
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	96 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



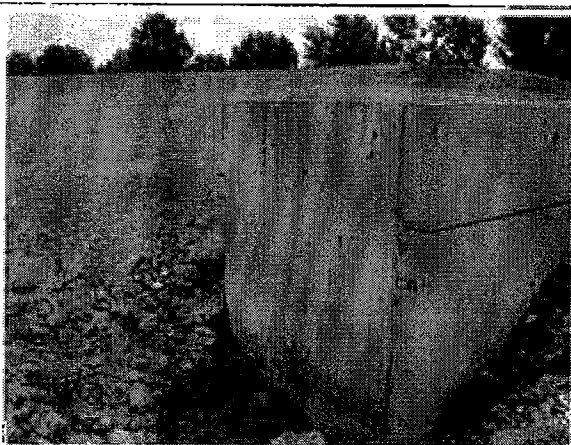
Rain Garden 1



Sediment Trap 1 emergency spillway lined



Sediment Trap 1 baffle



Trap 1 and temporary plywood cover

4



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

July 31, 2014

York Adams Transportation Authority / YATA  
Richard H. Farr  
1230 Roosevelt Avenue  
York PA 17404

**Re: NPDES Completeness Review**  
**York Adams Transportation Authority Headquarters**  
Permit # PAG02006714048  
West Manchester Township  
York County

Dear Mr. Farr:

The York County Conservation District received your application for a general NPDES Permit on 7/9/2014. The permit application was checked for completeness and all necessary items were found to be included.

**Please be advised that this letter is not an authorization to proceed with earth disturbance activities. It is solely a notification of the completeness of your permit application.**

The permit application will be reviewed for compliance with the Department's rules and regulations by District staff and/or by Department technical representatives cooperating with the District. If the review of the permit application reveals technical deficiencies, you will be notified with a review letter and/or email. Revised plans must be submitted for review to address identified technical deficiencies.

If you have any questions please feel free to call me at ph. # 717-840-7430.

Sincerely,

Karen Ward  
Engineering Technician II

cc: West Manchester Township  
Neil Beach, JMT

File rs





**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

July 17, 2014

York Railway Company  
David Hart  
2790 West Market Street  
York PA 17404

**RE: Final NPDES Inspection**  
**York RR Transload Facility**  
Permit # PAG02-0067-12-019  
West Manchester Township  
York County

Dear Mr. Hart:

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with Chapter 102 Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharges from construction activities.

As of 6/26/2014, this site meets the requirements of Chapter 102 Erosion and Sediment Control. See the enclosed inspection report for comments.

Since the site is completed and permanently stabilized, the Notice of Termination (NOT) form for general NPDES permits should be completed and returned to the District. Please notify the District upon receipt of this letter if you feel the NPDES permit should not be terminated.

Please feel free to contact our office at ph. # 717-840-7430 if you have any questions.

Sincerely,

for Karen Ward  
Engineering Technician II

Enc. Inspection report  
cc: West Manchester Township  
Steve Detwiler, H & H General Excavating  
file w/



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**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 3 Final**EARTH DISTURBANCE INSPECTION REPORT**

**Project Name** York RR Transload Facility **Inspection Date** 6/26/14 **Inspection Time** 10:00 - 10:30  
**Weather Conditions** 77 degrees, sunny **Total Project Area** 36.7 acres  
**Location** Off Route 462 west at RR crossing **Total Disturbed Area** 4.7 acres  
**Municipality** West Manchester Township **County** York  
**Receiving Water(s)** UNT to Codorus Creek **Designated/Existing Use** WWF

**Responsible Party(s)** David Hart Steve Detwiler  
 (name & address) York Railway Company H & H General Excavating  
2790 West Market Street P.O. Box 141  
York, PA 17404 Spring Grove, PA 17362

**Site Representative** Steve Detwiler, H & H **Inspector (name)** Karen Ward  
 (title)  (title) Engineering Technician

**Type of Inspection (check only one)**

**Photographs Taken** ☒ Yes ☐ No

Routine Complete ☐ Routine Partial ☐ Follow-up ☐ Complaint ☐ Final ☒

**Site Description & Observations:****Violations**

- 1) Routine inspection to follow up Report 2 dated 06/26/13.
- 2) 2 bioretention areas stabilized with Ernst mix established.
- 3) PCSM SW Basin OK to remove baffles.
- 4) Paving completed.

☐ Continued on page 3 of       

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other <u>                    </u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Res. Subdivision (RSBD)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Govmt. Facilities (GOV)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Utilities Facilities (UTL)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sewer/Water Systems (SWS)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remediation/Restoration (RRES)
		<input type="checkbox"/>	Oil/Gas Development (OGD)
		<input type="checkbox"/>	Silviculture (SILV)
		<input type="checkbox"/>	Recreation Facilities (RECF)
		<input type="checkbox"/>	Agricul. Activities (AGA)
		<input type="checkbox"/>	Comm./Indust. Dev. (CMIN)
		<input type="checkbox"/>	Pvt Road/Residence (PRRS)
		<input type="checkbox"/>	NPDES Permit required
		<input type="checkbox"/>	Phased Constr. <input checked="" type="checkbox"/> Non-Phased Constr.
Permit #: <u>PAG02-0067-12-019</u> Exp. Date: <u>9/26/14</u>			



## EARTH DISTURBANCE INSPECTION REPORT

Project Name York RR Transload Facility Inspection Date 6/26/14 Inspection Time 10:00 - 10:30

### Inspection Findings (check as many as appropriate)

### Reference

- |  |   |
|--|---|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> (N/A) |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)          |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/> (102.4)          |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)          |
| d. implement effective Best Management Practices:  | <input type="checkbox"/> (102.4)          |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)          |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)          |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/> (102.5)          |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)          |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)          |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)          |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)          |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)          |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)          |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/> (102.8)          |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/> (102.8)          |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)          |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)          |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)         |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/> (102.22)         |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/> (102.22)         |
| u. comply with permit conditions:  | <input type="checkbox"/> (402 CSL)        |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)        |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/> (402 CSL)        |
| 5. Other (describe): _____   | <input type="checkbox"/> _____            |
| 6. Other (describe): _____   | <input type="checkbox"/> _____            |
| 7. Other (describe): _____   | <input type="checkbox"/> _____            |
| 8. Other (describe): _____   | <input type="checkbox"/> _____            |
| 9. Other (describe): _____   | <input type="checkbox"/> _____            |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***



## EARTH DISTURBANCE INSPECTION REPORT

Project Name York RR Transload Facility Inspection Date 6/26/14 Inspection Time 10:00 - 10:30  
 Continuation Sheet \_\_\_\_\_ Violations \_\_\_\_\_  
 Site Description & Observations \_\_\_\_\_

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

- 1) No violations observed at this site visit.
- 2) Should submit NOT (Notice of Termination.)

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
 (Signature of Site Representative)

\_\_\_\_\_  
 (Date)

  
 (Inspector's Signature)

6/26/2014  
 (Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

July 16, 2014

Manchester Mall Associates, LLC  
Anthony T. Ruggeri  
4645 N. Central Expressway Suite 200  
Dallast TX 75205

**RE: NPDES PAG-02 Permit Major Modification Authorization**  
**West Manchester Mall Major Mod**  
Permit # PAG02006713010-1  
West Manchester Township  
York County

Dear Mr. Ruggeri:

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 et seq. Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 et seq., the York County Conservation District on behalf of the Pennsylvania Department of Environmental Protection (DEP) hereby authorizes the discharge of stormwater from West Manchester Mall to UNT to Willis Run in accordance with the terms and conditions of the PAG-02 (2012 Amendment). Please see the enclosed permit cover sheet and permit terms and conditions. This major permit modification extends the NPDES permit expiration date to 7/15/19.

The erosion and sediment control (E&S) plan dated 6/12/14 has been reviewed and is adequate to meet the minimum requirements of the DEP's PA Title 25, Chapter 102 Erosion and Sediment Control regulations and the PA Clean Streams Law provided that all Best Management Practices (BMPs) are properly implemented and maintained until the project has been completed and permanently stabilized. Please ensure that the stamped approved E&S plan is fully implemented and available at the project site at all times.

The District's E&S plan approval is valid for the duration of the project construction if no revisions are made to the approved E&S plans. If the above-referenced project has not commenced earth disturbance activities, the E&S plan approval expires 5 years from the date of this letter. This authorization does not relieve the applicant and/or operators from applying for and obtaining any and all additional permits or approvals from local, state or federal agencies.



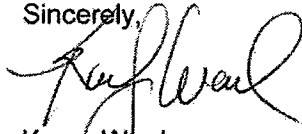
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The Conservation District has only reviewed the E&S plan to determine compliance with Chapter 102 regulations. By determining that the E&S plan is adequate to meet Chapter 102 regulations, neither the Conservation District nor the County assumes any responsibility for the implementation of the E&S plan or the implementation and maintenance of Best Management Practices (BMPs) contained in the E&S plan. The design, structural integrity, and installation of the BMPs are the responsibility of the applicant and/or operator(s).

Please contact the District at least 7 business days prior to commencing earth disturbance activities to schedule a required preconstruction meeting.

If you have any questions regarding this authorization, please contact me at ph. # 717-840-7430.

Sincerely,



Karen Ward  
Engineering Technician II

Enclosures:

- NPDES permit cover sheet
- NPDES permit conditions
- Stamped approved E&S plans
- PCSM plans

cc:

- Robert Fox, Site Design Concepts, Inc.
- West Manchester Township
- PA SCRO DEP
- File rs



**APPROVAL OF COVERAGE UNDER THE GENERAL NPDES  
PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH  
CONSTRUCTION ACTIVITIES  
PAG-02 (2012 Amendment)**

**NPDES PERMIT NO: PAG-02 006713010-1**

**Project Name & Address**

West Manchester Mall

U.S. Route 30 & Carlisle Road (SR 0074)

York, PA 17408

West Manchester Township, York County

**Permittee Name & Address**

Manchester Mall Associates, LLC

Anthony T. Ruggeri

4645 N. Central Expressway, Suite 200

Dallas, TX 75205

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*, the Department of Environmental Protection hereby approves the Notice of Intent (NOI) submitted for coverage to discharge stormwater from an earth disturbance activity that involves equal to or greater than one acre of earth disturbance on any portion, part, or during any stage of, a larger common plan of development or sale that involves equal to or greater than one acre of earth disturbance, to the following surface water(s) of this Commonwealth:

UNT to Willis Run / WWF

subject to the Department's enclosed PAG-02 which incorporates all effluent limitations, monitoring and reporting requirements, and other terms, conditions, criteria, and special requirements for the discharge of stormwater composed entirely of stormwater associated, in whole or in part, with construction activity, as defined in this general permit, to surface waters of this Commonwealth, including through municipal separate storm sewers and nonmunicipal separate storm sewers. Authorization to discharge is subject to the implementation of the plans and additional associated information submitted as part of the NOI.

**APPROVAL TO DISCHARGE IN ACCORDANCE WITH THE TERMS AND CONDITIONS HEREIN MAY COMMENCE ON THE DATE OF THE APPROVAL OF COVERAGE, AND IS VALID FOR A PERIOD OF FIVE YEARS WHEN CONDUCTED PURSUANT TO THE TERMS AND CONDITIONS OF THE APPLICABLE PERMIT. COVERAGE MAY BE EXTENDED BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT IF A TIMELY ADMINISTRATIVELY COMPLETE AND ACCEPTABLE NOI RENEWAL IS SUBMITTED TO THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT AT LEAST 180 DAYS PRIOR TO DATE OF COVERAGE TERMINATION. THE PERMIT MAY BE TERMINATED PRIOR TO THE EXPIRATION DATE UPON RECEIPT AND ACKNOWLEDGEMENT OF A NOTICE OF TERMINATION FORM AND APPROVAL BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. NO CONDITION OF THIS PERMIT SHALL RELEASE THE PERMITTEE OR CO-PERMITTEE FROM ANY RESPONSIBILITY OR REQUIREMENT UNDER PENNSYLVANIA, OR FEDERAL ENVIRONMENTAL STATUTES, REGULATIONS, OR LOCAL ORDINANCES.**

COVERAGE APPROVAL DATE: 7/15/14

COVERAGE EXPIRATION DATE: 7/15/19

AUTHORIZED BY: Karen Ward

TITLE: Engineering Technician II



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

July 3, 2014

West York Area School District  
George Fike  
2605 W Market Street  
York PA 17404

Via First Class Mail/Electronic Mailing

**RE: Earth Disturbance Inspection for  
Wallace Elementary School**  
Permit Number: PAG02006713048  
West Manchester Township  
York County

Dear Mr. Fike:

On 6/23/2014, a representative of the York County Conservation District conducted an inspection of earth disturbance activities at the Wallace Elementary School site located off of the NW side of High Street. Please refer to the enclosed inspection report as guidance to obtain voluntary compliance with the Rules and Regulations.

The York County Conservation District, by delegation agreement with the Pennsylvania Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Commonwealth's Clean Streams Law and Chapter 102, Erosion and Sediment (E&S) Control Rules and Regulations, Chapter 92, and NPDES Permit Requirements for Stormwater Discharge from construction activities.

Sediment has been identified as the #1 source of pollution to our waterways in south central Pennsylvania and is a major contributor to the decline of the Chesapeake Bay. Chapter 102 requires persons proposing or conducting earth disturbance activities to develop, implement and maintain Best Management Practices (BMPs) to minimize the potential for accelerated erosion and sedimentation. This regulation requires that a written E&S plan be developed, implemented, and kept available on site at all times. The E&S plan shows the site specific BMPs to be implemented for your project. The purpose of this regulation is to protect, maintain, reclaim and restore water quality and the existing and designated uses of waters of the Commonwealth.

The enclosed inspection report identifies the site conditions at Wallace Elementary School as of 6/23/2014. The inspection report reveals that earth disturbance activities are being conducted in a manner that is contrary to the approved E&S plan and are in continued violation of the Pennsylvania's Clean Streams Law, the Act of June 22, 1937, P. L. 1987 as amended, 35 P.S. S691.1 et seq., and Chapter 102, Erosion Control Rules and Regulations.



The Conservation District's primary mission is to educate and assist the public in making the best choices in conserving and protecting our natural resources. ***In so doing the Conservation District prefers to resolve this matter through voluntary means.*** Please contact the District in reference to the corrective measures you plan to take or have already taken and the expected timeframes for completion.

Please be advised the Conservation District and/or representatives of the Department will be conducting future inspections at the site.

Your cooperation in resolving this matter is greatly appreciated. If you should have any questions, please feel free to contact me at ph. # 717-840-7430.

Sincerely,



Karen Ward  
Engineering Technician II

Enc. Inspection report  
cc: West Manchester Township  
I.B. Abel  
File wl





## EARTH DISTURBANCE INSPECTION REPORT

**Project Name** Wallace Elementary School **Inspection Date** 6/23/14 **Inspection Time** 11:30 - 12:00  
**Weather Conditions** 79 degrees, sunny **Total Project Area** 5.73 acres  
**Location** NW side of High Street east of Route 74 **Total Disturbed Area** \_\_\_\_\_  
**Municipality** West Manchester Township **County** York  
**Receiving Water(s)** Willis Run **Designated/Existing Use** WWF

**Responsible Party(s)** West York Area School District I.B. Abel  
 (name & address) Attn: George Fike 620 Edgar Street  
2605 W Market Street York, PA 17403  
York, PA 17404

**Site Representative** Philip Martin, WYASD **Inspector (name)** Karen Ward  
 (title) Andy Long, I.B. Abel (title) Engineering Technician

**Type of Inspection** (check only one) **Photographs Taken** ☒ Yes ☐ No  
 Routine Complete ☐ Routine Partial ☒ Follow-up ☐ Complaint ☐ Final ☐

**Site Description & Observations:**
**Violations**

1) Inspection following pre-construction meeting for NPDES Permit requirement when active earth disturbance was observed on site within the NPDES Permit boundary and the LOD (limits of disturbance) indicated on the approved E&S plan. Also on site for pre-con meeting: Lobar, Inc, K&W Engineering, Quandel, YEC, Matchline Mechanical, and West Manchester Twp.

2) Earth disturbance has proceeded out of sequence (i.e.: Step 4 undertaken "begin removal and/or rerouting of onsite utilities...etc.") 2 d u 4

3) Contractor has failed to apply for and obtain co-permittee status on the NPDES Permit. 2 g u 4

4) No E&S BMPs (best management practices) installed downslope of area of earth disturbance. 2 d u 4

5) Areas backfilled and rough graded not temporarily stabilized. 2 s u 4

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Erosion & Sediment Control Plan required	<input checked="" type="checkbox"/> Other <u>Elementary school</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Erosion & Sediment Control Plan requested	<input type="checkbox"/> Res. Subdivision (RSBD)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Govmt. Facilities (GOV)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> E & S Control Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NPDES Permit required	<input type="checkbox"/> Recreation Facilities (RECF)
		<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Agricul. Activities (AGA)
		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Phased Constr.	<input type="checkbox"/> Silviculture (SILV)
		<input checked="" type="checkbox"/> Non-Phased Constr.	
Permit #: <u>PAG02-0067-13-048</u> Exp. Date: <u>02/14/19</u>			



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Wallace Elementary School Inspection Date 6/23/14 Inspection Time 11:30 - 12:00

### Inspection Findings (check as many as appropriate)

- | Inspection Findings (check as many as appropriate)   | Reference                                     |
|--|---|
| 1. No violations observed at this time:  | <input type="checkbox"/> (N/A)                |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)              |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/> (102.4)              |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)              |
| d. implement effective Best Management Practices:  | <input checked="" type="checkbox"/> (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)              |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)              |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input checked="" type="checkbox"/> (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)              |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)              |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)              |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)              |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)              |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)              |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/> (102.8)              |
| o. maintain effective PCSM BMPs:   | <input checked="" type="checkbox"/> (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)              |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)              |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)             |
| s. provide temporary stabilization of earth disturbance site:  | <input checked="" type="checkbox"/> (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/> (102.22)             |
| u. comply with permit conditions:  | <input checked="" type="checkbox"/> (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)            |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input checked="" type="checkbox"/> (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/> _____                |
| 6. Other (describe): _____   | <input type="checkbox"/> _____                |
| 7. Other (describe): _____   | <input type="checkbox"/> _____                |
| 8. Other (describe): _____   | <input type="checkbox"/> _____                |
| 9. Other (describe): _____   | <input type="checkbox"/> _____                |

☒ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 1

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Wallace Elementary School Inspection Date 6/23/14 Inspection Time 11:30 - 12:00

Continuation Sheet

Violations

Site Description & Observations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

- 1) Should voluntarily immediately cease and desist all earth disturbance activities except for those required for the installation of E&S BMPs until the approved E&S plan is implemented through Step 4.
- 2) Should follow the approved E&S plan.
- 3) Should immediately install E&S BMPs downslope of all areas of earth disturbance.
- 4) Should immediately temporarily seed and straw mulch backfilled and rough graded areas of earth disturbance. OK to remain rough graded in anticipation of additional earth disturbance per approved E&S plan.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_ week of 06/30/14

Philip E. Dorte  
(Signature of Site Representative)

6/23/2014  
(Date)

Ryan Sward  
(Inspector's Signature)

6/23/2014  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

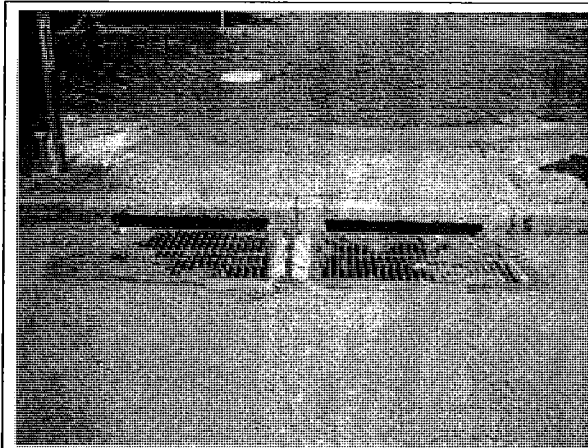
This report is official notification that a representative of the Department of Environmental Protection has conducted an inspection of your earth disturbance activity to determine compliance with Title 25, Chapter 92, National Pollutant Discharge Elimination System, Title 25, Chapter 102, Erosion and Sediment Control, and the Pennsylvania Clean Streams Law. This representative may be an employee of the local County Conservation District, which by delegation agreement with the Department of Environmental Protection, is authorized to investigate complaints, inspect earth disturbance activities and conduct compliance actions. Any violations observed by the Department/Conservation District have been noted on this report form and constitute unlawful conduct as defined in Section 611 of the Clean Streams Law.

There will be no written confirmation of those violations from the Department. Failure to take corrective actions to resolve the violations may result in administrative, civil and/or criminal penalties being instituted by the Department of Environmental Protection as defined in Section 602 of the Clean Streams Law of Pennsylvania. The Clean Streams Law provides for up to \$10,000 per day in civil penalties, up to \$10,000 in summary criminal penalties, and up to \$25,000 in misdemeanor criminal penalties for each violation.

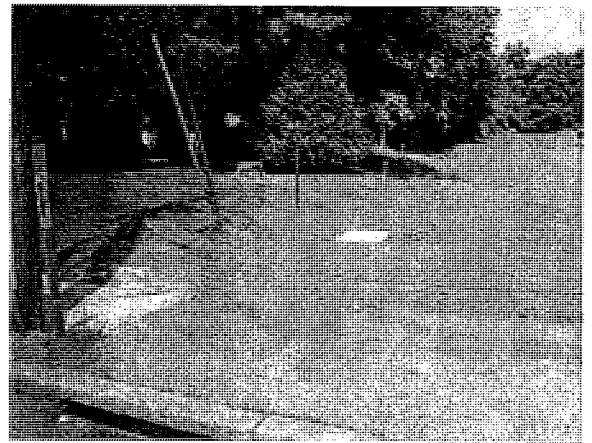
This report does not constitute an Order or appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

For further information or assistance please contact:

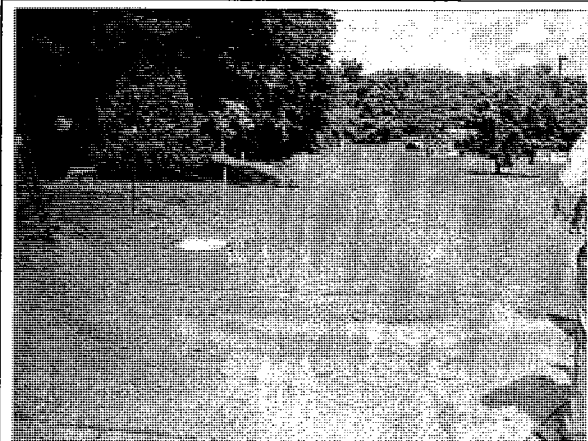
Date:	06/23/14	Site Name:	Wallace Elementary School	Permit #	PAG02-0067-13-048
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	79 degrees, sunny	Insp. #	Report 1	Type of Camera :	Digital



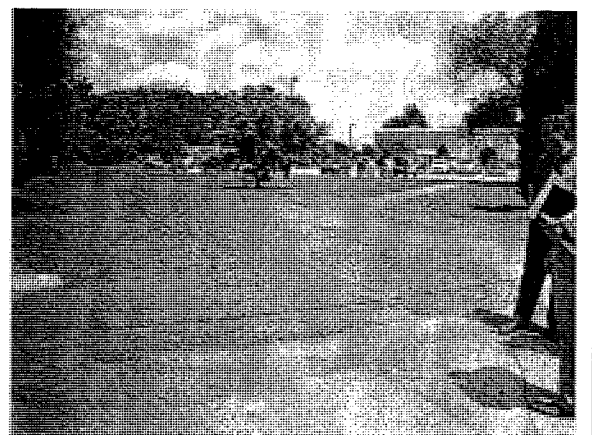
Potential for pollution at unprotected inlet



Earth disturbance commenced out of sequence



No perimeter E&S controls installed



No temporary stabilization

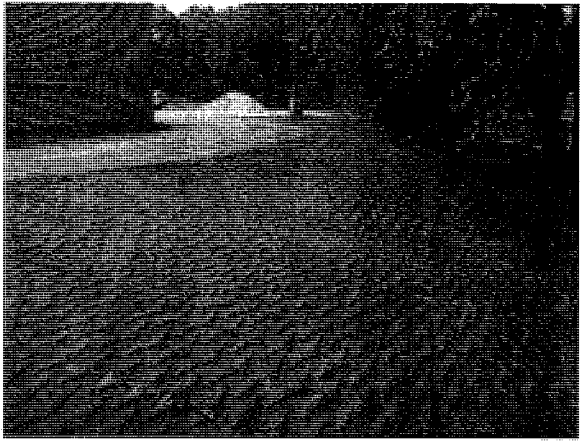
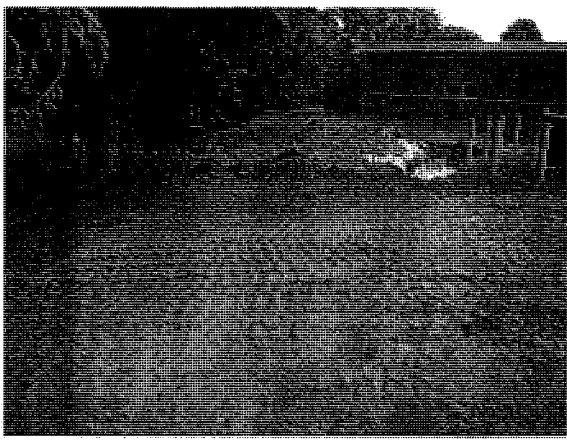


No perimeter E&S controls installed



No temporary stabilization

Date:	06/23/14	Site Name:	Wallace Elementary School	Permit #	PAG02-0067-13-048
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	79 degrees, sunny	Insp. #	Report 1	Type of Camera :	Digital

		
No perimeter E&S controls installed	2	No perimeter E&S controls installed



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

June 30, 2014

MBC Development LP  
Patrick Higgins  
950 East Main Street  
Schuylkillhaven PA 17972

**Re: NPDES Completeness Review**  
**Dollar General**  
Permit # PAG02006714033  
West Manchester Township  
York County

Dear Mr. Higgins:

The York County Conservation District received your application for a general NPDES Permit on 5/16/2014. The permit application was checked for completeness and all necessary items were found to be included.

**Please be advised that this letter is not an authorization to proceed with earth disturbance activities. It is solely a notification of the completeness of your permit application.**

The permit application will be reviewed for compliance with the Department's rules and regulations by District staff and/or by Department technical representatives cooperating with the District. If the review of the permit application reveals technical deficiencies, you will be notified with a review letter and/or email. Revised plans must be submitted for review to address identified technical deficiencies.

If you have any questions please feel free to call me at ph. # 717-840-7430.

Sincerely,

Karen Ward  
Engineering Technician II

cc: West Manchester Township  
Alvis Elrod, BL Companies

File rs





**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

May 12, 2014

Awesome Autos and Trucks  
Jay Hickman  
4330 West Market Street  
York PA 17408

**RE: Earth Disturbance Inspection for  
4330 W Market Street**  
File # 203-13  
West Manchester Township  
York County

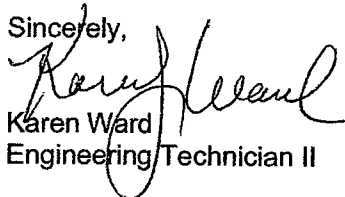
Dear Mr. Hickman:

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Chapter 102, Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharges from construction activities.

As of 4/22/2014, the above-referenced site meets the requirements of the Chapter 102 Erosion and Sediment Control regulations. See the enclosed inspection report for comments. The Conservation District will conduct additional inspections of the above referenced site until all disturbed areas are permanently stabilized.

Please contact our office at ph. # 717-840-7430 if you should have any questions.

Sincerely,



Karen Ward  
Engineering Technician II

Enc. Inspection report  
cc: West Manchester Township

File wl







**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 4330 West Market Street Inspection Date 4/22/14 Inspection Time 9:40 - 10:30  
Weather Conditions 61 degrees, sunny Total Project Area 0.804 acres  
Location South side of Route 30 east of Route 116 Total Disturbed Area less than 1 acre  
Municipality West Manchester Township County York  
Receiving Water(s) UNT to West Branch Codorus Creek Designated/Existing Use WWF

Responsible Party(s) Jay Hickman, Awesome Autos and Trucks

(name &amp; address)

4330 West Market StreetYork, PA 17408(717) 578-4111 jayhickmansemail@yahoo.comSite Representative Jay Hickman, Owner

(title)

Inspector (name) Karen Ward

(title)

Engineering Technician

Type of Inspection (check only one)

Routine Complete ☐Routine Partial ☐Follow-up ☐

Photographs Taken



Yes



No

Complaint ☒Final ☐

Site Description &amp; Observations:

Violations

1) Inspection to follow up Report 1 dated 11/07/13. New owner, Jay Hickman, Awesome Autos and Trucks, has the E&S plan approved for the former owner and is implementing that plan.

2) Area of earth disturbance greater than 5000 sq. ft. but less than 1 acre:

a. Written E&S (erosion and sediment control) plan available on site.

b. Fill placed within 50 feet of WOC (waters of the Commonwealth) along south side of site waived by DEP per Chapter 105 for drainage area of less than 100 acres.

c. Fill graded and ready for seed and erosion control matting (required on slopes greater than 3:1 or within 50 feet of WOC.)

d. Organic materials (i.e.: root balls, tree debris) removed from "clean fill".

3) 24 inch compost filter sock installed in lieu of silt fence.

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Erosion & Sediment Control Plan requested	<input type="checkbox"/> Pvt Road/Residence (PRRS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	<input type="checkbox"/> Govmt. Facilities (GOV)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NPDES Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
		<input type="checkbox"/> Phased Constr. <input type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Recreation Facilities (RECF)
Permit #:	Exp. Date:	<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)



## EARTH DISTURBANCE INSPECTION REPORT

 Project Name 4330 West Market Street Inspection Date 4/22/14 Inspection Time 9:40 - 10:30
**Inspection Findings** (check as many as appropriate)

- |  |                                     | Reference |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/>            | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input type="checkbox"/>            | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/>            | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 4330 West Market Street Inspection Date 4/22/14 Inspection Time 9:40 - 10:30  
Continuation Sheet  
Site Description & Observations Violations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

1) No violations observed at this site visit. Implementation of approved E&S plan is progressing. Complaint #203-13 not closed yet.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

*Karl Ward*  
(Inspector's Signature)

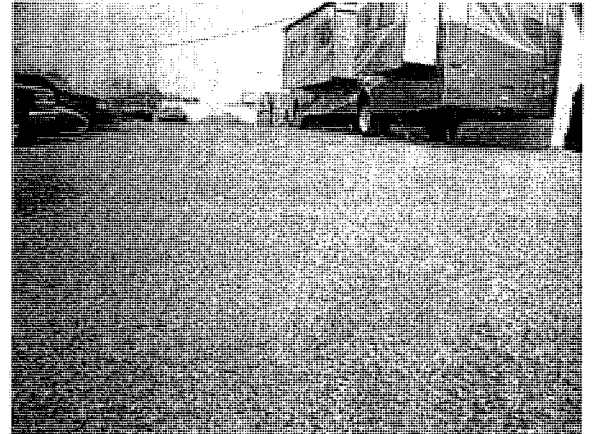
4/22/2014  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

Date:	04/22/14	Site Name:	4330 W Market Street		E&S Only
Municipality	West Manchester Twp	Complaint #	203-13	Photographer:	K. Ward
Weather :	61 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



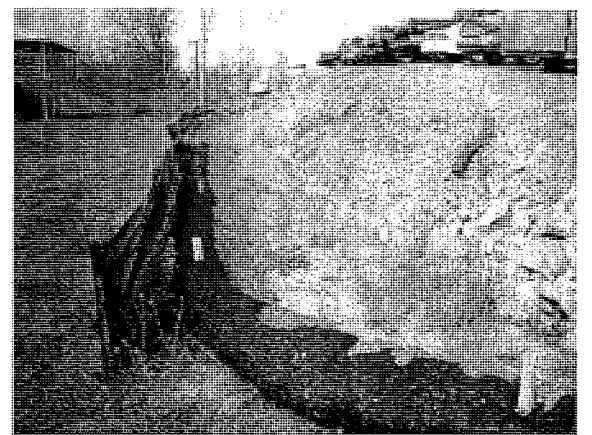
Rolled stone applied to parking area



Rolled stone applied to parking area



Existing rock and concrete chunks at east end of disturbed area



Compost filter sock installed downslope of fill slope



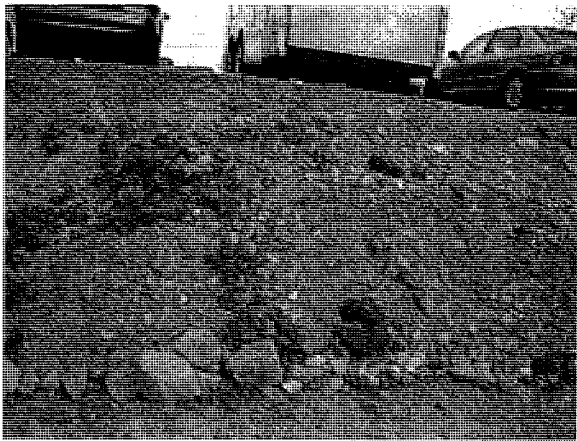

Compost filter sock installed downslope of fill slope

1



Slope will be seeded and matted

Date:	04/22/14	Site Name:	4330 W Market Street		E&S Only
Municipality	West Manchester Twp	Complaint #	203-13	Photographer:	K. Ward
Weather :	61 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital

		
Slope will be seeded and matted	2	Slope will be seeded and matted



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

April 28, 2014

ADE Design  
Michael Gillespie  
2140 Herr Street  
Harrisburg PA 17103-1699

**RE: NPDES PAG-02 Permit Authorization Letter**  
**SR 3050 over York Railway**  
Permit # PAG02006713059  
West Manchester Township  
York County

Dear Mr. Gillespie:

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 et seq. ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. §§ 691.1 et seq., the York County Conservation District on behalf of the Pennsylvania Department of Environmental Protection (DEP) hereby authorizes the discharge of stormwater from SR 3050 over York Railway to UNT to Codorus Creek. Please see the enclosed permit cover sheet and permit terms and conditions. The PAG02006713059 is effective on 4/28/2014 and will expire on 4/28/19. All dischargers are required by Sections 402 and 611 of The Clean Streams Law, 35 P.S. §§691.402 and 691.611 to comply with the terms and conditions of their permit.

The erosion and sediment control (E&S) plan dated 4/23/14 (enclosed) has been reviewed and is adequate to meet the minimum requirements of the DEP's PA Title 25, Chapter 102 E&S regulations and the PA Clean Streams Law provided that all Best Management Practices (BMPs) are properly implemented and maintained until the project has been completed and permanently stabilized. Please ensure that the stamped approved E&S plan is fully implemented and available at the project site at all times.

The District's E&S plan approval is valid for the duration of the project construction if no revisions are made to the approved E&S plans. If the above-referenced project has not commenced earth disturbance activities, the E&S plan approval expires 5 years from the date of this letter. This authorization does not relieve the applicant and/or operators from applying for and obtaining any and all additional permits or approvals from local, state or federal agencies.



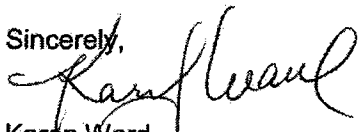
The Conservation District has only reviewed the E&S plan to determine compliance with Chapter 102 regulations. By determining that the E&S plan is adequate to meet Chapter 102 regulations, neither the Conservation District nor the County assumes any responsibility for the implementation of the E&S plan or the implementation and maintenance of Best Management Practices (BMPs) contained in the E&S plan. The design, structural integrity, and installation of the BMPs are the responsibility of the applicant and/or operator(s).

In addition to the NPDES permit authorization, the permittee and any subsequent co-permittees have additional responsibilities related to this authorization. NPDES permit requirements and federal regulations at 40 C.F.R. 122.21(b) require "when a facility or activity is owned by one person but is operated by another person, it is the operator's duty to obtain a permit" (see permit condition Part B(1)(d)(1) and (3) for transfer of permit or co-permittee requirements.) Please be advised that once an operator/contractor has been selected for the project, the NPDES permit must either be transferred to the operator/contractor or the operator/contractor must be made a co-permittee and enter into an agreement with the permittee. Please use the Transferee/Co-Permittee Application form (see [www.yorkccd.org](http://www.yorkccd.org)) to transfer the permit or to add a co-permittee. A pre-construction conference is also required as specified in 25 Pa. Code § 102.5(e). The purpose of this conference is to review all aspects of the permit with the permittee, co-permittees, operators, consultants, the District inspector, and licensed professionals or their designees who will be responsible for the implementation of the critical stages of the approved PCSM plan. **Please contact the District at least 7 business days prior to commencing earth disturbance activities to schedule a required preconstruction meeting.**

It is a condition of NPDES permit that as part of the maintenance program for the operation and maintenance of Best Management Practices (BMPs) the permittee or co-permittee must conduct inspections of the BMPs on a weekly basis and after each stormwater event (including the repair or replacement of BMPs) to ensure effective and efficient operation (see permit condition part A, 2(a)). The Visual Site Inspection Report Form (see [www.yorkccd.org](http://www.yorkccd.org)) must be used to document these required site inspections. The Notice of Termination (NOT) form (see [www.yorkccd.org](http://www.yorkccd.org)) must be completed and filed when construction activities have ceased and final stabilization has been achieved as a condition of this permit as specified in Section 4 of the permit regarding Notice of Termination. The NOT is a NPDES permit requirement, as well as a regulatory requirement under 25 Pa. Code § 102.7. The NOT must identify the responsible person(s) for the long term operation and maintenance of the Post Construction Stormwater Management (PCSM) BMPs. Please be advised that the permittee and/or co-permittee remain responsible for all operational maintenance for this project site until the NOT has been filed and acknowledged.

If you have any questions regarding this authorization, please contact me at ph. # 717-840-7430.

Sincerely,



Karen Ward  
Engineering Technician II

Enclosures:

NPDES permit cover sheet  
NPDES permit conditions  
Stamped approved E&S plans  
PCSM plans

cc: (Co-applicants)

Jonathan Peters, SAI Consulting Engineers, Inc.  
West Manchester Township  
(PA SCRO DEP)  
File rs





**APPROVAL OF COVERAGE UNDER THE GENERAL NPDES  
PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH  
CONSTRUCTION ACTIVITIES  
PAG-02 (2012 Amendment)**

**NPDES PERMIT NO: PAG-02 006713059**

**Project Name & Address**

**Permittee Name & Address**

SR 3050 over York Railway

ADE Design

Woodberry Road (SR 3050) over York Railway

Michael Gillespie

York, PA 17404

2140 Herr Street

West Manchester Township, York County

Harrisburg, PA 17103-1699

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*, the Department of Environmental Protection hereby approves the Notice of Intent (NOI) submitted for coverage to discharge stormwater **from an earth disturbance activity that involves equal to or greater than one acre of earth disturbance on any portion, part, or during any stage of, a larger common plan of development or sale that involves equal to or greater than one acre of earth disturbance**, to the following surface water(s) of this Commonwealth:

UNT to Codorus Creek / WWF

subject to the Department's enclosed PAG-02 which incorporates all effluent limitations, monitoring and reporting requirements, and other terms, conditions, criteria, and special requirements for the discharge of stormwater composed entirely of stormwater associated, in whole or in part, with construction activity, as defined in this general permit, to surface waters of this Commonwealth, including through municipal separate storm sewers and nonmunicipal separate storm sewers. Authorization to discharge is subject to the implementation of the plans and additional associated information submitted as part of the NOI.

**APPROVAL TO DISCHARGE IN ACCORDANCE WITH THE TERMS AND CONDITIONS HEREIN MAY COMMENCE ON THE DATE OF THE APPROVAL OF COVERAGE, AND IS VALID FOR A PERIOD OF FIVE YEARS WHEN CONDUCTED PURSUANT TO THE TERMS AND CONDITIONS OF THE APPLICABLE PERMIT. COVERAGE MAY BE EXTENDED BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT IF A TIMELY ADMINISTRATIVELY COMPLETE AND ACCEPTABLE NOI RENEWAL IS SUBMITTED TO THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT AT LEAST 180 DAYS PRIOR TO DATE OF COVERAGE TERMINATION. THE PERMIT MAY BE TERMINATED PRIOR TO THE EXPIRATION DATE UPON RECEIPT AND ACKNOWLEDGEMENT OF A NOTICE OF TERMINATION FORM AND APPROVAL BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. NO CONDITION OF THIS PERMIT SHALL RELEASE THE PERMITTEE OR CO-PERMITTEE FROM ANY RESPONSIBILITY OR REQUIREMENT UNDER PENNSYLVANIA, OR FEDERAL ENVIRONMENTAL STATUTES, REGULATIONS, OR LOCAL ORDINANCES.**

COVERAGE APPROVAL DATE: 4/28/14

COVERAGE EXPIRATION DATE: 4/28/19

AUTHORIZED BY: Karen Ward

TITLE: Engineering Technician II



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

March 31, 2014

West York Area School District  
George Fike  
2605 West Market Street  
York PA 17404

**Re: NPDES Completeness Review  
West York High School  
Permit # PAG02006714008  
West Manchester Township  
York County**

Dear Mr. Fike:

The York County Conservation District received your application for a general NPDES Permit on 2/10/2014. The permit application was checked for completeness and all necessary items were found to be included.

**Please be advised that this letter is not an authorization to proceed with earth disturbance activities. It is solely a notification of the completeness of your permit application.**

The permit application will be reviewed for compliance with the Department's rules and regulations by District staff and/or by Department technical representatives cooperating with the District. If the review of the permit application reveals technical deficiencies, you will be notified with a review letter and/or email. Revised plans must be submitted for review to address identified technical deficiencies.

If you have any questions please feel free to call me at ph. # 717-840-7430.

Sincerely,

Karen Ward  
Engineering Technician II

cc: West Manchester Township  
Adam Davis, K & W Engineers

File rs





## EARTH DISTURBANCE INSPECTION REPORT

Project Name 2079 Taxville Road Inspection Date 1/10/14 Inspection Time 3:00 - 3:45  
 Weather Conditions 52 degrees, sunny Total Project Area 1.19 acre lot  
 Location North side of Taxville Road east of Baker Road Total Disturbed Area \_\_\_\_\_  
 Municipality West Manchester Township County York  
 Receiving Water(s) UNT to Little Conewago Creek Designated/Existing Use TSF

Responsible Party(s) Craig and LuAnn Amspacher

(name & address)

2079 Taxville Road

York, PA 17408

(717) 792-0950

Site Representative Craig and LuAnn Amspacher

(title) Property Owners

Inspector (name) Karen Ward

(title) Engineering Technician

Type of Inspection (check only one)

Routine Complete ☐

Routine Partial ☐

Follow-up ☐

Photographs Taken



Yes



No

Site Description & Observations:

Complaint ☒

Final ☒

Violations

1) Inspection in response to complaint #001-14 citing, "mud tracked out onto road." There are no E&S (erosion and sediment control) issues related to active earth disturbance activities and no apparent stormwater runoff issues. Complaint is closed.

2) Observed:

a. Low point near center of lot with standing water. Area provides parking space for tree crew members who are trying to avoid parking in or driving through water. Property owners have placed stone and wood chip mulch to prevent creating mud.

b. Water appears that it may be more than rainfall/runoff, that there might be a ground water source. Possibilities include underground sources such as a local spring seep or an old terra cotta tile drain system for farm fields intercepted during development in the area and no longer discharging to its intended outlet.

c. There is an existing stormwater inlet in an adjacent neighbor's backyard.

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Written Post Construction Stormwater Management Plan required	<input checked="" type="checkbox"/> Pvt Road/Residence (PRRS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Erosion & Sediment Control Plan requested	<input type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> E & S Control Permit required	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> NPDES Permit required	<input type="checkbox"/> Sewer/Water Systems (SWS)
		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Phased Constr.	<input type="checkbox"/> Silviculture (SILV)
		<input type="checkbox"/> Non-Phased Constr.	
Permit #: _____		Exp. Date: _____	



## EARTH DISTURBANCE INSPECTION REPORT

Project Name 2079 Taxville Road Inspection Date 1/10/14 Inspection Time 3:00 - 3:45

### Inspection Findings (check as many as appropriate)

- |  | Reference                                 |
|--|---|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> (N/A) |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)          |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/> (102.4)          |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)          |
| d. implement effective Best Management Practices:  | <input type="checkbox"/> (102.4)          |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)          |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)          |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/> (102.5)          |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)          |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)          |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)          |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)          |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)          |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)          |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/> (102.8)          |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/> (102.8)          |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)          |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)          |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)         |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/> (102.22)         |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/> (102.22)         |
| u. comply with permit conditions:  | <input type="checkbox"/> (402 CSL)        |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)        |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/> (402 CSL)        |
| 5. Other (describe): _____   | <input type="checkbox"/> _____            |
| 6. Other (describe): _____   | <input type="checkbox"/> _____            |
| 7. Other (describe): _____   | <input type="checkbox"/> _____            |
| 8. Other (describe): _____   | <input type="checkbox"/> _____            |
| 9. Other (describe): _____   | <input type="checkbox"/> _____            |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***



## EARTH DISTURBANCE INSPECTION REPORT

Project Name 2079 Taxville Road Inspection Date 1/10/14 Inspection Time 3:00 - 3:45

### Violations

### Compliance Assistance Measures

- 1) No violations observed at this site visit. Complaint #001-14 closed.
- 2) Discussed possible temporary and permanent "fixes" for standing water problem:
  - a. Temporary - continue to place rolled stone or wood chip mulch as available.  
**>>>YCCD recommends placing a layer of porous (non-woven) felt geotextile under any stone or wood chip layers to prevent mud from pumping up to the surface from tire traffic and to extend maintenance time.**
  - b. Permanent - install a subgrade tile drain system in the wet area and discharge it to existing stormwater system.  
**>>>YCCD recommends consulting an engineer or a professional contractor with experience in installing subgrade tile drain systems prior to starting any improvement project.**  
**>>>Contact West Manchester Township and adjacent neighbor about access to the existing stormwater inlet prior to starting any improvement project. May require a permit from the Township.**  
**>>>If earth disturbance for any improvement project is 5000 sq. ft. or greater (but less than 1 acre) develop a written E&S plan. May use the YCCD "Small Projects Guide" available on our website at [www.yorkccd.org](http://www.yorkccd.org).**
  - c. Should plant woody vegetation - trees and shrubs - that are tolerant of "wet feet" to help remove standing water through evapo-transpiration when plants are leafed out. Consult "Bring Home the Natives" pamphlets for ideas about tolerant species.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

(Inspector's Signature)

1/13/2014  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

This report is official notification that a representative of the Department of Environmental Protection has conducted an inspection of your earth disturbance activity to determine compliance with Title 25, Chapter 92, National Pollutant Discharge Elimination System, Title 25, Chapter 102, Erosion and Sediment Control, and the Pennsylvania Clean Streams Law. This representative may be an employee of the local County Conservation District, which by delegation agreement with the Department of Environmental Protection, is authorized to investigate complaints, inspect earth disturbance activities and conduct compliance actions. Any violations observed by the Department/Conservation District have been noted on this report form and constitute unlawful conduct as defined in Section 611 of the Clean Streams Law.

There will be no written confirmation of those violations from the Department. Failure to take corrective actions to resolve the violations may result in administrative, civil and/or criminal penalties being instituted by the Department of Environmental Protection as defined in Section 602 of the Clean Streams Law of Pennsylvania. The Clean Streams Law provides for up to \$10,000 per day in civil penalties, up to \$10,000 in summary criminal penalties, and up to \$25,000 in misdemeanor criminal penalties for each violation.

This report does not constitute an Order or appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

For further information or assistance please contact:

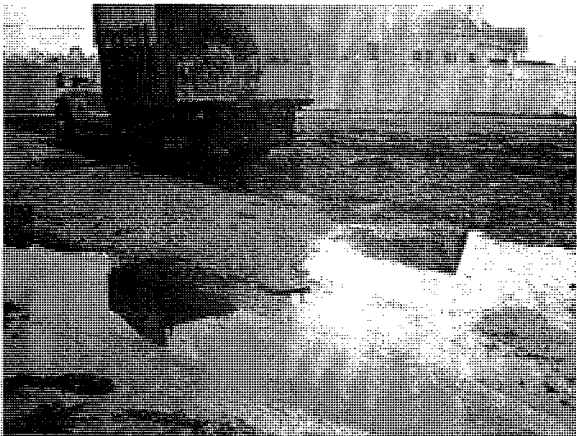
Date:	01/13/14	Site Name:	2079 Taxville Road		
Municipality	West Manchester Twp	Complaint #	001-14 Closed	Photographer:	K. Ward
Weather :	52 degrees, sunny	Insp. #	Report 1	Type of Camera :	Digital



Off-site stormwater inlet



Low point near center of lot



Low point near center of lot



Low point near center of lot



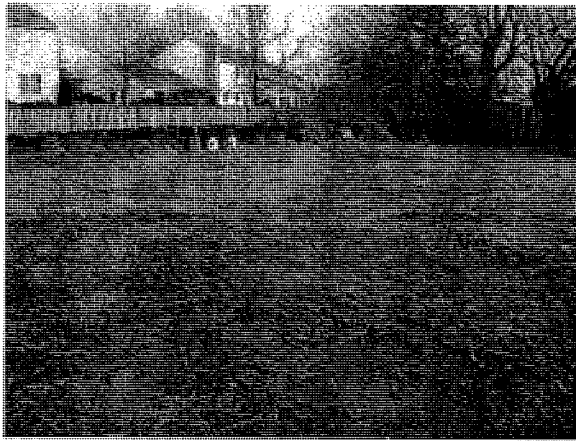
Low point near center of lot

1



Low point near center of lot

Date:	01/13/14	Site Name:	2079 Taxville Road				
Municipality	West Manchester Twp	Complaint #	001-14 Closed		Photographer:	K. Ward	
Weather :	52 degrees, sunny	Insp. #	Report 1	Type of Camera : Digital			



Towards east corner of lot

2



Towards east corner of lot





YORK COUNTY  
CONSERVATION DISTRICT

*Conserving Natural Resources for Our Future*

January 27, 2014

Richard & Mary Jane Whitfield  
2329 Fairway Drive  
York PA 17408

Via First Class Mail/Electronic Mailing

**RE: Earth Disturbance Inspection for  
Augusta Court  
File # 162-13  
West Manchester Township  
York County**

Dear Mr. & Mrs. Whitfield:

On 1/16/2014 a representative of the York County Conservation District conducted an inspection of earth disturbance activities at the Augusta Court site located . Please refer to the enclosed inspection report as guidance to obtain voluntary compliance with the Chapter 102 Erosion and Sediment (E&S) Control Rules and Regulations.

The York County Conservation District, by delegation agreement with the Pennsylvania Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Commonwealth's Clean Streams Law and Chapter 102, E&S Control Rules and Regulations.

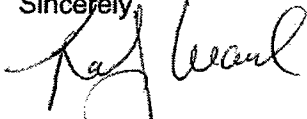
The enclosed inspection report identifies the site conditions at Augusta Court as of 1/16/2014. The inspection report reveals that earth disturbance activities are being conducted in a manner that is contrary to the approved erosion and sediment control plan and are in continued violation of the Pennsylvania's The Clean Streams Law, the Act of June 22, 1937, P. L. 1987 as amended, 35 P.S. S691.1 et seq., and Chapter 102, Erosion Control Rules and Regulations.

The Conservation District's primary mission is to educate and assist the public in making the best choices in conserving and protecting our natural resources. ***In so doing the Conservation District prefers to resolve this matter through voluntary means.*** Please contact the District in reference to the corrective measures you plan to take or have already taken and the expected timeframes for completion.

Please be advised the Conservation District and/or representatives of the Department will be conducting future inspections at the site.

Your cooperation in resolving this matter is greatly appreciated. If you should have any questions, please feel free to contact me at ph. # 717-840-7430.

Sincerely,



Karen Ward  
Engineering Technician II

Enclosure- Inspection report  
cc: West Manchester Township  
Justin Aiello, Aiello's Custom Homes

File wl





**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Augusta Court Inspection Date 1/16/14 Inspection Time 2:30 - 3:50  
Weather Conditions 36 degrees, sunny Total Project Area 0.873 acres  
Location North cul-de-sac end of Greens-by-Honey Run Total Disturbed Area 0.873 acres  
Municipality West Manchester Township County York  
Receiving Water(s) Honey Run Designated/Existing Use TSF

Responsible Party(s) Richard and Mary Jane Whitfield Aiello's Custom Attn: Justin Aiello  
(name & address) 2329 Fairway Drive 60 Shamrock lane  
York, PA 17408 New Oxford, PA 17350  
(717) 792-9920 (717) 451-3910

Site Representative John, Framer for Aiello's Custom Inspector (name) Karen Ward  
(title) (title) Engineering Technician

### Type of Inspection (check only one)

Routine Complete ☐Routine Partial ☐Follow-up ☐

### Photographs Taken

☒ Yes ☐ NoComplaint ☒ Final ☐

### Site Description & Observations:

### Violations

1) Inspection to follow up Report 1 dated 08/16/13.

2) Written E&amp;S (erosion and sedimentation control) plan:

a. Submitted and approved 09/30/13.

b. Not available on site.

2 b 4

3) E&S BMP (best management t practices ) installed at downslope perimeter of lot but not per plan. Compost filter sock not downslope of all areas of earth disturbance or stockpiles and gapped at NE corner. Sediment deposited outside LOD.

2 d 4

4) 2 rock construction entrances installed per plan

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Written Post Construction Stormwater Management Plan required	<input checked="" type="checkbox"/> Pvt Road/Residence (PRRS)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Erosion & Sediment Control Plan requested	<input type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NPDES Permit required	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Phased Constr. <input type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Silviculture (SILV)
Permit #:		Exp. Date:	



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Augusta Court Inspection Date 1/16/14 Inspection Time 2:30 - 3:50

### Inspection Findings (check as many as appropriate)

- |  | Reference                                     |
|--|---|
| 1. No violations observed at this time:  | <input type="checkbox"/> (N/A)                |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)              |
| b. have an Erosion and Sediment Control Plan available on site:  | <input checked="" type="checkbox"/> (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)              |
| d. implement effective Best Management Practices:  | <input checked="" type="checkbox"/> (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)              |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)              |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/> (102.5)              |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)              |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)              |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)              |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)              |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)              |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)              |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/> (102.8)              |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/> (102.8)              |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)              |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)              |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)             |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/> (102.22)             |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/> (102.22)             |
| u. comply with permit conditions:  | <input type="checkbox"/> (402 CSL)            |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)            |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input checked="" type="checkbox"/> (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/> _____                |
| 6. Other (describe): _____   | <input type="checkbox"/> _____                |
| 7. Other (describe): _____   | <input type="checkbox"/> _____                |
| 8. Other (describe): _____   | <input type="checkbox"/> _____                |
| 9. Other (describe): _____   | <input type="checkbox"/> _____                |

☒ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2**EARTH DISTURBANCE INSPECTION REPORT**

Project Name Augusta Court Inspection Date 1/16/14 Inspection Time 2:30 - 3:50  
Continuation Sheet Violations  
Site Description & Observations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

**Compliance Assistance Measures**

- 1) Should follow approved E&S plan and have a copy available on site.
- 2) Should correct all violations listed on Page 1 of this report.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

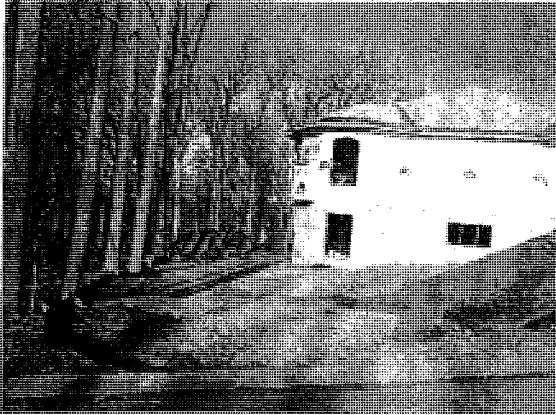
\_\_\_\_\_  
(Signature of Site Representative)\_\_\_\_\_  
(Date)

*Karl J. Ward*  
(Inspector's Signature)

1/16/2014  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

Date:	01/16/14	Site Name:	Augusta Court		E&S Plan Approved
Municipality	West Manchester Twp	Complaint #	163-13	Photographer:	K. Ward
Weather :	36 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



West rock construction entrance



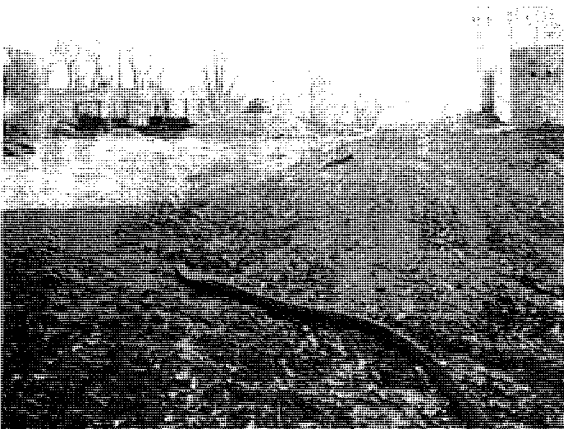
West RCE and compost filter sock along road



Compost filter sock  
not entirely downslope of stockpile



East rock construction entrance



East side of lot



Across back of lot from east side

Date:	01/16/14	Site Name:	Augusta Court		E&S Plan Approved
Municipality	West Manchester Twp	Complaint #	163-13	Photographer:	K. Ward
Weather :	36 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



West rock construction entrance



West RCE and compost filter sock along road



Compost filter sock  
not entirely downslope of stockpile



East rock construction entrance



East side of lot



Across back of lot from east side

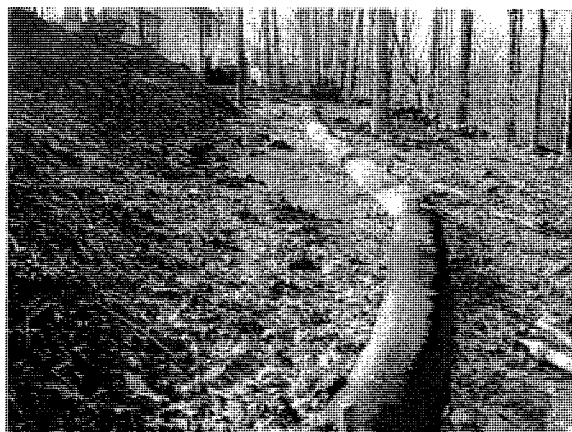
Date:	01/16/14	Site Name:	Augusta Court		E&S Plan Approved
Municipality	West Manchester Twp	Complaint #	163-13	Photographer:	K. Ward
Weather :	36 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



Compost filter sock not entirely downslope of stockpile or earth disturbance and sediment deposited outside LOD



Compost filter sock not entirely downslope of stockpile or earth disturbance and sediment deposited outside LOD



Compost filter sock along back of lot



Gap in compost filter sock at NW corner of LOD



Gap in compost filter sock at NW corner of LOD





**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

January 27, 2014

Glenlyn Enterprises  
Glenn C. Rexroth  
P O Box 297  
Dallastown PA 17313

**RE: NPDES Permit Renewal**  
**Glenlyn Enterprises Lot #4 NPDES Renewal**  
Permit # PAG02006711044R  
West Manchester Township  
York County

Dear Mr. Rexroth:

The above referenced permit has been **re-authorized** and **extended** until 01/27/19. The general NPDES permit (2012 Amendment) coverage will remain in effect until the permit is terminated. Please attach this letter and the enclosed cover sheet to your original permit. This information must be available at the project site at all times.

Please read carefully the permit which details the terms and conditions of this permit authorization. The Conservation District staff and/or representatives of the Department of Environmental Protection may inspect this earth disturbance activity to determine compliance with applicable permit requirements, Chapter 92, Chapter 102 Rules and Regulations and the Clean Streams Law.

If you have any questions, please contact the Conservation District at ph. # 717-840-7430.

Sincerely,

Karen Ward  
Engineering Technician II

Enc. NPDES permit conditions  
CC: West Manchester Township  
Blaine Markel, James R. Holley & Associates, Inc.  
File rs



118 Pleasant Acres Road • York, PA 17402-8984 • Tel (717) 840-7430 • Fax (717) 755-0301 • [www.yorkccd.org](http://www.yorkccd.org)



**APPROVAL OF COVERAGE UNDER THE GENERAL NPDES  
PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH  
CONSTRUCTION ACTIVITIES  
PAG-02 (2012 Amendment)**

**NPDES PERMIT NO: PAG-02 006711044R**

**Project Name & Address**

Glenlyn Enterprises Lot #4

Lot #4 Manchester Court

West Manchester Township, York County

**Permittee Name & Address**

Glenlyn Enterprises

Glenn C. Rexroth

PO Box 297

Dallastown, PA 17313

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*, the Department of Environmental Protection hereby approves the Notice of Intent (NOI) submitted for coverage to discharge stormwater **from an earth disturbance activity that involves equal to or greater than one acre of earth disturbance on any portion, part, or during any stage of, a larger common plan of development or sale that involves equal to or greater than one acre of earth disturbance**, to the following surface water(s) of this Commonwealth:

UNT to S. Branch Codorus Creek / WWF

subject to the Department's enclosed PAG-02 which incorporates all effluent limitations, monitoring and reporting requirements, and other terms, conditions, criteria, and special requirements for the discharge of stormwater composed entirely of stormwater associated, in whole or in part, with construction activity, as defined in this general permit, to surface waters of this Commonwealth, including through municipal separate storm sewers and nonmunicipal separate storm sewers. Authorization to discharge is subject to the implementation of the plans and additional associated information submitted as part of the NOI.

**APPROVAL TO DISCHARGE IN ACCORDANCE WITH THE TERMS AND CONDITIONS HEREIN MAY COMMENCE ON THE DATE OF THE APPROVAL OF COVERAGE, AND IS VALID FOR A PERIOD OF FIVE YEARS WHEN CONDUCTED PURSUANT TO THE TERMS AND CONDITIONS OF THE APPLICABLE PERMIT. COVERAGE MAY BE EXTENDED BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT IF A TIMELY ADMINISTRATIVELY COMPLETE AND ACCEPTABLE NOI RENEWAL IS SUBMITTED TO THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT AT LEAST 180 DAYS PRIOR TO DATE OF COVERAGE TERMINATION. THE PERMIT MAY BE TERMINATED PRIOR TO THE EXPIRATION DATE UPON RECEIPT AND ACKNOWLEDGEMENT OF A NOTICE OF TERMINATION FORM AND APPROVAL BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. NO CONDITION OF THIS PERMIT SHALL RELEASE THE PERMITTEE OR CO-PERMITTEE FROM ANY RESPONSIBILITY OR REQUIREMENT UNDER PENNSYLVANIA, OR FEDERAL ENVIRONMENTAL STATUTES, REGULATIONS, OR LOCAL ORDINANCES.**

COVERAGE APPROVAL DATE: 01/27/14

COVERAGE EXPIRATION DATE: 01/27/19

AUTHORIZED BY: Karen Ward

TITLE: Engineering Technician II



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

February 4, 2014

U.S. Home Corporation  
Lennar/US Home Corp.  
10211 Wincopin Circle, Suite 180  
Columbia, MD 21044

Via First Class Mail

**RE: Inspection for  
Valuebuilt (Quail Meadows/Valuebuilt)**  
Permit # PAG2006707045  
West Manchester Township  
York County

Dear Ms. Huntzberry:

On 1/16/2014, a representative of the York County Conservation District conducted an inspection at the Valuebuilt (Quail Meadows/Ironbridge) site located off of Sunset Lane. Please refer to the enclosed inspection report as guidance to obtain voluntary compliance with the Chapter 102 Rules and Regulations.

The enclosed inspection report identifies the site conditions at Valuebuilt (Quail Meadows/Valuebuilt) as of 1/16/2014. The inspection report reveals activities are being conducted in a manner that is contrary to the Post Construction Stormwater Management plan and are in violation of the Pennsylvania's Clean Streams Law, the Act of June 22, 1937, P. L. 1987 as amended, 35 P.S. S691.1 et seq., and NPDES Permit Requirements for Stormwater Discharges from construction activities.

Please contact the District in reference to the corrective measures you plan to take or have already taken and the expected timeframes for completion.

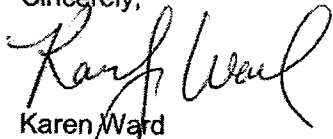
Please be advised the Conservation District and/or representatives of the Department will be conducting future inspections at the site.



118 Pleasant Acres Road • York, PA 17402-8984 • Tel (717) 840-7430 • Fax (717) 755-0301 • [www.yorkccd.org](http://www.yorkccd.org)

Your cooperation in resolving this matter is greatly appreciated. If you should have any questions, please feel free to contact me at ph. # 717-840-7430.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen Ward".

Karen Ward  
Engineering Technician II

cc: West Manchester Township  
Joe Fortino, Lennar  
John Huenke, Sam Juffe, Cornerstone Development  
File wl



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 4

## EARTH DISTURBANCE INSPECTION REPORT

**Project Name** Iron Bridge Landing (Quail Meadows/Valuebuilt) **Inspection Date** 1/16/14 **Inspection Time** 2:15 p.m.  
**Weather Conditions** 34 degrees, sunny **Total Project Area** 19.6 acres  
**Location** North off Sunset Lane near Baker Road **Total Disturbed Area** less than 1 acre  
**Municipality** West Manchester Township **County** York  
**Receiving Water(s)** Little Conewago Creek **Designated/Existing Use** TSF

**Responsible Party(s)** U.S. Home Corporation Lennar Attn: Joe Fortino VP Land Development  
 (name & address) Lennar - Baltimore Land 10211 Wincopin Circle, Suite 300,  
10211 Wincopin Circle, Suite 180 Columbia, MD, 21044  
Columbia, MD 21044 John Huenke and Sam Juffe, Cornerstone Dev

**Site Representative** No one on site **Inspector (name)** Karen Ward  
 (title) \_\_\_\_\_ (title) Engineering Technician

**Type of Inspection** (check only one) **Photographs Taken** ☒ Yes ☐ No  
 Routine Complete ☐ Routine Partial ☐ Follow-up ☒ Complaint ☐ Final ☐

### Site Description & Observations:

### Violations

1) Routine inspection to follow up Report 3 dated 10/18/11. NPDES Permit expired 07/03/2012.

2) Site completed with buildings constructed and lawns made and mowed. All areas of earth disturbance stabilized.

2 n u 4

3) Basin conversion OK'd in Report 3 dated 10/18/11 has not been completed. Stockpile remains on site for filling of basin bottom. Conversion includes:

- a. Pumping out water by an approved method.
- b. Removing E&S structures (i.e.: temporary riser and skimmer, baffle.)
- c. Filling basin bottom to PCSM elevations.
- d. Constructing PCSM Forebays "A" and "B".

Stockpile remains on site NE of Unit 26 for basin bottom. Once fill material is moved resulting area of earth disturbance should be immediately stabilized with seed and straw mulch of E&S matting.

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Erosion & Sediment Control Plan requested	<input type="checkbox"/> Res. Subdivision (RSBD)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Govmt. Facilities (GOV)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> E & S Control Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NPDES Permit required	<input type="checkbox"/> Recreation Facilities (RECF)
		<input type="checkbox"/> Phased Constr. <input checked="" type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Agricul. Activities (AGA)
<b>Permit #:</b> <u>PAG2006707045</u> <b>Exp. Date:</b> <u>07/03/12</u>		<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Iron Bridge Landing (Quail Meadows) Inspection Date 1/16/14 Inspection Time 2:15 p.m.

### Inspection Findings (check as many as appropriate)

- | Inspection Findings (check as many as appropriate)   | Reference                                     |
|--|---|
| 1. No violations observed at this time:  | <input type="checkbox"/> (N/A)                |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)              |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/> (102.4)              |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)              |
| d. implement effective Best Management Practices:  | <input type="checkbox"/> (102.4)              |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)              |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)              |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/> (102.5)              |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)              |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)              |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)              |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)              |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)              |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)              |
| n. implement effective PCSM BMPs:  | <input checked="" type="checkbox"/> (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/> (102.8)              |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)              |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)              |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)             |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/> (102.22)             |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/> (102.22)             |
| u. comply with permit conditions:  | <input checked="" type="checkbox"/> (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)            |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input checked="" type="checkbox"/> (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/> _____                |
| 6. Other (describe): _____   | <input type="checkbox"/> _____                |
| 7. Other (describe): _____   | <input type="checkbox"/> _____                |
| 8. Other (describe): _____   | <input type="checkbox"/> _____                |
| 9. Other (describe): _____   | <input type="checkbox"/> _____                |

☒ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 4

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Iron Bridge Landing (Quail Meadows) Inspection Date 1/16/14 Inspection Time 2:15 p.m.  
Continuation Sheet  
Site Description & Observations Violations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

- 1) Should implement PCSM plan and convert basin during the Spring 2014 growing season.
- 2) Should correct all violations listed on Page 1 of this report.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

*Karl Ward*  
(Inspector's Signature)

1/16/2014  
(Date)

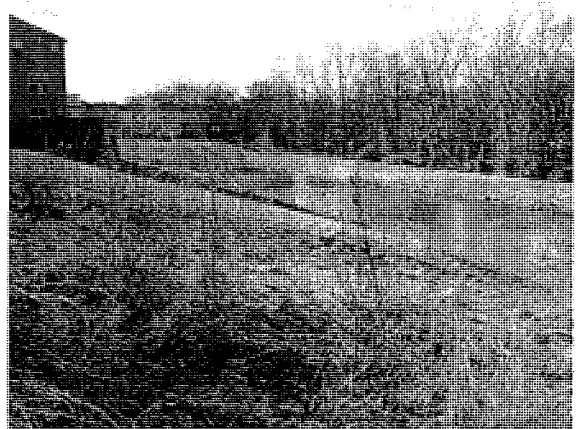
The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

Date:	01/16/14	Site Name:	Iron Bridge Landing (aka Quail Meadows, Valuebuilt)	Permit #	PAG2006707045 Expired 07/03/2012
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	34 degrees, sunny	Insp. #	Report 4	Type of Camera :	Digital

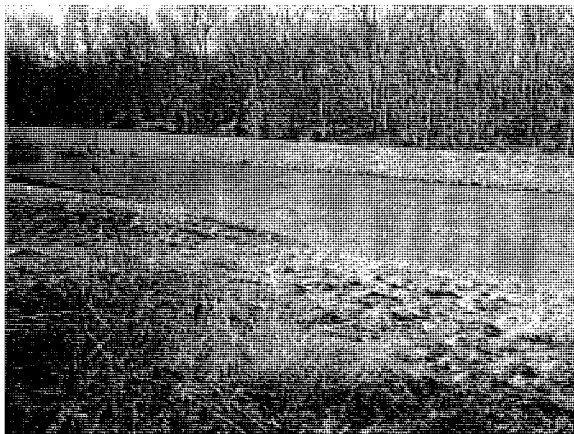
Overview of basin remaining to be converted to PCSM as recommended for Spring 2012



Stockpile remains in place NE of Unit 26  
to fill basin bottom



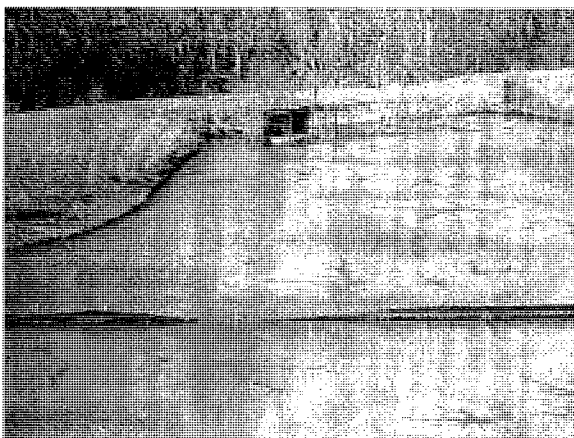
Should install PCSM Forebay "A"



Should install PCSM Forebay "B"



Should install low flow channel



Should remove temporary riser and skimmer



Should remove baffle





YORK COUNTY  
CONSERVATION DISTRICT

*Conserving Natural Resources for Our Future*

January 23, 2014

Kinsley Equities II  
6259 Reynolds Mill Road  
Seven Valleys PA 17360

Via First Class Mail/Electronic Mailing

**RE: Earth Disturbance Inspection for  
Golden Tract West**

Permit Number: PAG02-0067-05-032R

File # 177-12

West Manchester Township  
York County

Dear Sir or Madam:

On 01/16/14, a representative of the York County Conservation District conducted an inspection of earth disturbance activities at the Golden Tract West site. Please refer to the enclosed inspection report as guidance to obtain voluntary compliance with the Rules and Regulations.

The York County Conservation District, by delegation agreement with the Pennsylvania Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Commonwealth's Clean Streams Law and Chapter 102, Erosion and Sediment (E&S) Control Rules and Regulations, Chapter 92, and NPDES Permit Requirements for Stormwater Discharge from construction activities.

The enclosed inspection report identifies the site conditions at Golden Tract West as of 01/16/14. The inspection report reveals that earth disturbance activities are being conducted in a manner that is contrary to the approved E&S plan and are in continued violation of the Pennsylvania's Clean Streams Law, the Act of June 22, 1937, P. L. 1987 as amended, 35 P.S. §691.1 et seq., and Chapter 102, Erosion Control Rules and Regulations.

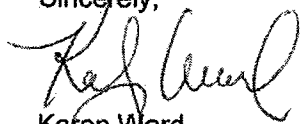
The Conservation District's primary mission is to educate and assist the public in making the best choices in conserving and protecting our natural resources. ***In so doing the Conservation District prefers to resolve this matter through voluntary means.*** Please contact the District in reference to the corrective measures you plan to take or have already taken and the expected timeframes for completion.

Please be advised the Conservation District and/or representatives of the Department will be conducting future inspections at the site.



Your cooperation in resolving this matter is greatly appreciated. If you should have any questions, please feel free to contact me at ph. # 717-840-7430.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Karen Ward', written in black ink.

Karen Ward  
Engineering Technician II

Enc. Inspection report

cc: West Manchester Township

Carl Bankert, S&A Homes

Bill Briegel, Keystone Custom Homes

File



# EARTH DISTURBANCE INSPECTION REPORT

<b>Project Name</b>	Golden Tract West	<b>Inspection Date</b>	1/16/14	<b>Inspection Time</b>	12:30 - 2:10
<b>Weather Conditions</b>	34 degrees, sunny			<b>Total Project Area</b>	51.1 acres
<b>Location</b>	North off Baker Road and Sunset Lane			<b>Total Disturbed Area</b>	6.1 acres
<b>Municipality</b>	West Manchester Twp	<b>County</b>	York		
<b>Receiving Water(s)</b>	Little Conewago Creek	<b>Designated/Existing Use</b>	TSF		

<b>Responsible Party(s)</b>	<b>Kinsley Equities II</b>	<b>S&amp;A Homes Attn: Carl Bankert</b>
(name & address)	6259 Reynolds Mill Road	2121 Old Gatesburg Rd, State College, PA 16803
	Seven Valleys, PA 17360	Keystone Custom Homes Attn: Bill Briegel
Phone		227 Granite Run Dr, Suite 100, Lancaster, PA 17601

**Site Representative** Dean Piefer, Kinsley **Inspector (name)** Karen Ward  
(title) \_\_\_\_\_ (title) Engineering Technician II

**Type of Inspection** (check only one) **Photographs Taken** ☒ Yes ☐ No

Routine Complete ☒      Routine Partial ☐      Follow-up ☐      Complaint ☐      Final ☐

**Responsible Party(s) continued:**

Burkentine & Sons Builders Inc.                      Zimmerman Homes Attn: Gary Trimmer  
Attn: Paul Burkentine                                      5760 York Road, New Oxford, PA 17350  
330 Dubs School Road, Hanover, PA 17331

## Violations

### Site Description & Observations:

- 1) Inspection to follow up Report 7 dated 06/12/13.
- 2) Open lots remaining are Lots 8, 9, 10, 38, 39, 54, 60, 62, and 63. Lot 59 is under construction.
- 3) Basin is converted to its PCSM function with rock lined low flow channel.
- 4) Lot 59 under construction with rock construction entrance installed. Basin is converted so on-lots controls must be correctly installed and maintained per plan.
  - a. Silt fence not installed per plan (not downslope of all earth disturbance, not trenched in along bottom of fabric, joints not wrapped watertight).
  - b. Inlets not installed in nearest inlets (inlets 19 and 20) per plan.

Y		N		Permit and Plan Requirements	Type of Activity (check as many as appropriate)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC) <input type="checkbox"/> Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pvt Road/Residence (PRRS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Erosion & Sediment Control Plan requested	<input checked="" type="checkbox"/> Res. Subdivision (RSBD) <input type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Govmt. Facilities (GOV) <input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	<input type="checkbox"/> Utilities Facilities (UTL) <input type="checkbox"/> Agricul. Activities (AGA)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NPDES Permit required	<input type="checkbox"/> Sewer/Water Systems (SWS) <input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Phased Constr. Non-Phased Constr.	<input type="checkbox"/> Remediation/Restoration (RRES) <input type="checkbox"/> Silviculture (SILV)
Permit #: PAG02-0067-05-032R				Exp. Date: 03/15/14	



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 8

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Golden Tract West Inspection Date 1/16/14 Inspection Time 12:30 - 2:10

### Inspection Findings (check as many as appropriate)

- |  | Reference                                     |
|--|---|
| 1. No violations observed at this time:  | <input type="checkbox"/> (N/A)                |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)              |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/> (102.4)              |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)              |
| d. implement effective Best Management Practices:  | <input checked="" type="checkbox"/> (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)              |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)              |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/> (102.5)              |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)              |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)              |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)              |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)              |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)              |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)              |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/> (102.8)              |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/> (102.8)              |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)              |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)              |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)             |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/> (102.22)             |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/> (102.22)             |
| u. comply with permit conditions:  | <input checked="" type="checkbox"/> (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)            |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input checked="" type="checkbox"/> (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/> _____                |
| 6. Other (describe): _____   | <input type="checkbox"/> _____                |
| 7. Other (describe): _____   | <input type="checkbox"/> _____                |
| 8. Other (describe): _____   | <input type="checkbox"/> _____                |
| 9. Other (describe): _____   | <input type="checkbox"/> _____                |

☒ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 8

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Golden Tract West Inspection Date 1/16/14 Inspection Time 12:30 - 2:10  
Continuation Sheet Violations  
Site Description & Observations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

- 1) Should follow approved Erosion and Sediment Control plan.
- 2) Should correct all violations listed on Page 1 of this report.
- 3) Should immediately stabilize areas of earth disturbance.
- 4) Should apply minimum 6" of topsoil on any areas to be seeded.

**NOTE: NPDES Permit will expire on 03/15/14. Should submit an NPDES Permit renewal application meeting current Chapter 102 regulations since more than 1 acre of earth disturbance remains on site.**

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) Week of February 10, 2014

\_\_\_\_\_  
(Signature of Site Representative)

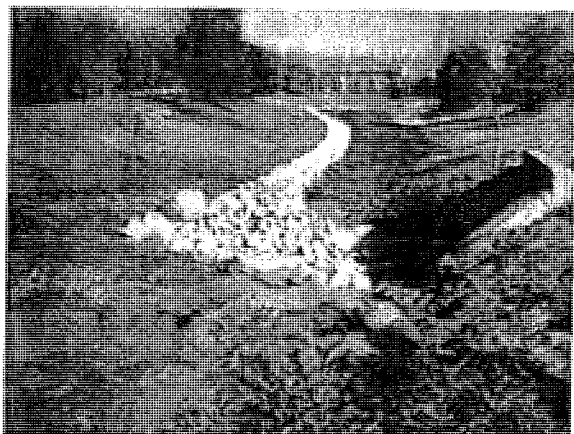
\_\_\_\_\_  
(Date)

Karl J. Ward  
(Inspector's Signature)

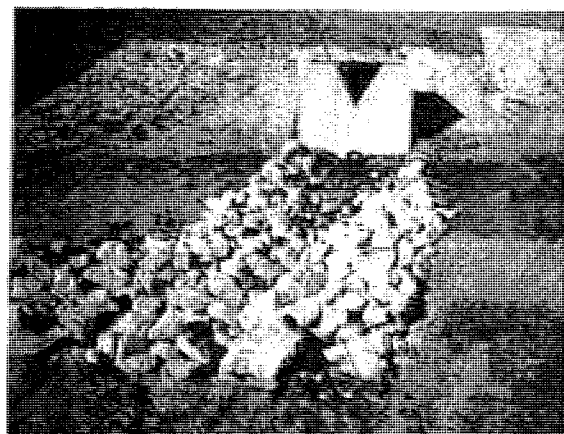
1/16/2014  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

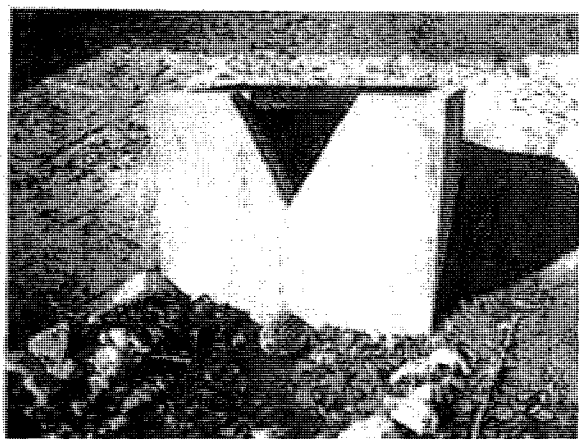
Date:	01/16/14	Site Name:	Golden Tract West	Permit #	PAG2006705032
Municipality	West Manchester Two			Photographer:	K. Ward
Weather :	34 degrees, sunny	Insp. #	Report 8	Type of Camera :	Digital



Basin converted  
with rock lined low flow channel installed



Basin converted  
with rock lined low flow channel installed



Basin converted



Basin outfall rock apron relined



Lot 59 under construction with no silt  
sacks in nearest inlets



Lot 59 under construction

Date:	01/16/14	Site Name:	Golden Tract West	Permit #	PAG2006705032
Municipality	West Manchester Two			Photographer:	K. Ward
Weather :	34 degrees, sunny	Insp. #	Report 8	Type of Camera :	Digital



Silt fence not installed downslope of all areas of earth disturbance



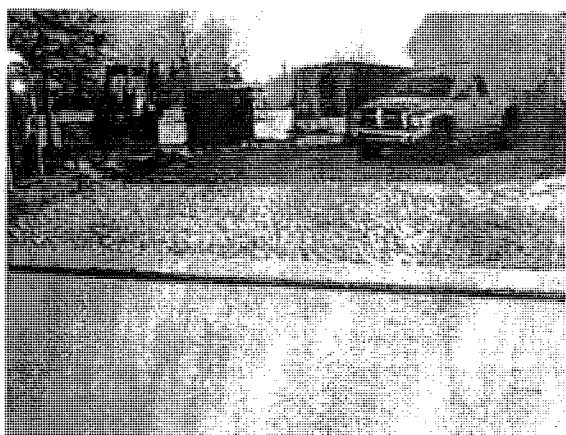
Silt fence not installed downslope of all areas of earth disturbance



Silt fence not trenched in along bottom of fabric



Silt fence joints not wrapped watertight



Rock construction entrance installed



Silt fence not installed downslope of all areas of earth disturbance



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

January 16, 2014

ADE Design  
Michael Gillespie  
2140 Herr Street  
Harrisburg PA 17103-1699

**Re: NPDES Completeness Review**  
**SR 3050 over York Railway**  
Permit # PAG02006713059  
West Manchester Township  
York County

Dear Mr. Gillespie:

The York County Conservation District received your application for a general NPDES Permit on 11/26/2013. The permit application was checked for completeness and all necessary items were found to be included.

**Please be advised that this letter is not an authorization to proceed with earth disturbance activities. It is solely a notification of the completeness of your permit application.**

The permit application will be reviewed for compliance with the Department's rules and regulations by District staff and/or by Department technical representatives cooperating with the District. If the review of the permit application reveals technical deficiencies, you will be notified with a review letter and/or email. Revised plans must be submitted for review to address identified technical deficiencies.

If you have any questions please feel free to call me at ph. # 717-840-7430.

Sincerely,  
  
Karen Ward  
Engineering Technician II

cc: West Manchester Twp  
Jonathan R. Peters, SAI Consulting Engineers, Inc.

File rs







**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

**July 22, 2013**

Glenlyn Enterprises  
Glen Rexroth  
P.O. Box 297  
Dallastown, PA 17313

**RE: *Glenlyn Enterprises*  
PAG2006711044  
West Manchester Township  
York County**

Dear Mr. Rexroth;

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Chapter 102, Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharge from construction activities.

As of **7/2/2013**, this site meets the requirements of the Chapter 102 Erosion Control regulations. See the enclosed inspection report for comments. The Conservation District will conduct additional inspections of the above referenced site until all disturbed areas are permanently stabilized.

Please contact our office if you should have any questions. The phone number is 717-840-7430.

Sincerely yours,

**Karen Ward  
Engineering Technician II**

cc: West Manchester Township  
File w1

enclosure : EDI Report





## EARTH DISTURBANCE INSPECTION REPORT

Project Name Glenlyn Enterprises Inspection Date 7/2/13 Inspection Time 9:30 - 10:45  
 Weather Conditions 78 degrees, overcast Total Project Area 14.6 acres  
 Location Off East Berlin Road Total Disturbed Area 4.5 acres  
 Municipality West Manchester Township County York  
 Receiving Water(s) UNT to Codorus Creek Designated/Existing Use WWF

Responsible Party(s) Glenlyn Enterprises

(name &amp; address)

Glen RexrothP.O. Box 297Dallastown, PA 17313Site Representative Glenn Rexroth, Owner/Developer(title) Jess StricklerInspector (name) Karen Ward(title) Engineering Tech I

Type of Inspection (check only one)

Routine Complete ☒Routine Partial ☐Follow-up ☐Photographs Taken ☒ Yes ☐ NoComplaint ☐Final ☐

Site Description &amp; Observations:

Violations

1) Inspection to follow up Report 4 dated 05/30/12.

2) Lot 5 completed and stabilized. Should continue to maintain super silt fence along downslope side of stockpile. Should continue to maintain vegetation on stockpile during idle times.

3) Silt fence:

a. OK to remove downslope of all 3 basins.

b. Should install super silt fence at "Additional Fill Area" per revision dated 07/05/12 prior to beginning fill operation.

4) Basins:

a. OK to convert all 3 basins to their PCSM function.

b. Basin 2 tends to sit wet on bottom:

1. Should install stone filter berm around permanent riser.

2. Should reseed top of berm.

☐ Continued on page 3 of 3

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Erosion & Sediment Control Plan requested	<input type="checkbox"/> Res. Subdivision (RSBD)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Post Construction Stormwater Management Plan Requested	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> E & S Control Permit required	<input type="checkbox"/> Govmt. Facilities (GOV)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NPDES Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
		<input checked="" type="checkbox"/> Phased Constr.	<input type="checkbox"/> Recreation Facilities (RECF)
		<input type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Agricul. Activities (AGA)
Permit #: <u>PAG2006711044</u>		<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Oil/Gas Development (OGD)
Exp. Date: <u>1/27/14</u>		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Glenlyn Enterprises Inspection Date 7/2/13 Inspection Time 9:30 - 10:45

### Inspection Findings (check as many as appropriate)

### Reference

- |  |                                     |           |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/>            | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input type="checkbox"/>            | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/>            | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***

**EARTH DISTURBANCE INSPECTION REPORT**

Project Name Glenlyn Enterprises Inspection Date 7/2/13 Inspection Time 9:30 - 10:45  
Continuation Sheet \_\_\_\_\_ Violations \_\_\_\_\_  
Site Description & Observations \_\_\_\_\_

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**Compliance Assistance Measures**

- 1) No violations observed at this site visit.
- 2) Should mow basin berm to promote growth of desirable grasses and clover and discourage single stem weeds, invasives, and other undesirable vegetation.
- 3) YCCD recommends consulting plan preparer or seed vendor for appropriate mix for wet bottom of Basin 2. A popular mix is Ernst Seeds ERNMX-122 wetland meadow mix.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

  
(Inspector's Signature)

7/2/2013  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

**June 11, 2013**

Tim Fulton  
Susquehanna Real Estates LP  
140 East Market Street  
York PA 17401-1219

**RE: *WY Industrial Park - Regional SWM Basin***  
**PAG02-0067-12-044**  
West Manchester Township  
York County

Dear Mr. Fulton;

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Chapter 102, Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharge from construction activities.

As of **5/23/2013**, this site meets the requirements of the Chapter 102 Erosion Control regulations. See the enclosed inspection report for comments. The Conservation District will conduct additional inspections of the above referenced site until all disturbed areas are permanently stabilized.

Please contact our office if you should have any questions. The phone number is 717-840-7430.

Sincerely yours,

**Karen Ward**  
**Engineering Technician II**

cc: West Manchester Township  
Alan C Nelson, Rholan LLC  
File wl

enclosure : EDI Report





**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 1

## EARTH DISTURBANCE INSPECTION REPORT

Project Name WY Ind Park Regional SWM Basin Inspection Date 5/23/13 Inspection Time 10:00 - 10:50  
Weather Conditions 76 degrees, overcast Total Project Area 4.7 acres  
Location Off Zarfoss Drive Total Disturbed Area 1.85 acres  
Municipality West Manchester Township County York  
Receiving Water(s) UNT to Codorus Creek Designated/Existing Use WWF

Responsible Party(s) Tim Fulton Alan C. Nelson  
(name & address) Susquehanna Real Estate, LP Rholan LLC  
140 East Market Street 349 Florin Avenue  
York, PA 17401-1219 Mount Joy, PA 17552-2111

Site Representative Tim Debes, Nutec Inspector (name) Karen Ward  
(title) Alan Nelson, Rholan (title) Engineering Technician

### Type of Inspection (check only one)

Routine Complete ☒ Routine Partial ☐ Follow-up ☐ Complaint ☐ Final ☐ Photographs Taken ☒ Yes ☐ No

### Site Description & Observations:

### Violations

1) Routine inspection to follow up Report 1 dated 01/10/13. Township staff observed mowing the existing sanitary sewer ROW with the intention of including the south outside berm. YCCD politely asked the Township to voluntarily not mow this area until vegetation is fully established. Mowing person agreed to do so.

2) Some confusion surrounds the application for co-permitte status on the NPDES Permit as discussed during the pre-construction meeting dated 11/08/12. Should immediately submit completed, signed, and notarized application.

3) All areas of earth disturbance becoming vegetated.

- YCCD will continue to monitor for a standard of "uniform 70% perennial vegetative cover."
- YCCD recommends regular mowing along north side of site to encourage grass growth and keep down weeds. Thistle becoming established.
- YCCD recommends planting a wetland mix in the areas of basin bottom with low elevations near the dam. May try consulting Ernst Seeds for ERNMX-122.A189

☐ Continued on page 3 of       

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other <u>                    </u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Erosion & Sediment Control Plan requested	<input type="checkbox"/> Res. Subdivision (RSBD)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Govmt. Facilities (GOV)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> E & S Control Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NPDES Permit required	<input type="checkbox"/> Recreation Facilities (RECF)
		<input type="checkbox"/> Phased Constr.	<input type="checkbox"/> Agric. Activities (AGA)
		<input checked="" type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Sewer/Water Systems (SWS)
			<input type="checkbox"/> Oil/Gas Development (OGD)
			<input checked="" type="checkbox"/> Remediation/Restoration (RRES)
			<input type="checkbox"/> Silviculture (SILV)
Permit #: <u>PAG02-0067-12-044</u> Exp. Date: <u>11/1/14</u>			



## EARTH DISTURBANCE INSPECTION REPORT

Project Name WY Ind Park Regional SWM Basin Inspection Date 5/23/13 Inspection Time 10:00 - 10:50

### Inspection Findings (check as many as appropriate)

#### Reference

- |  |                                     |           |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/>            | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input type="checkbox"/>            | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/>            | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 1

## EARTH DISTURBANCE INSPECTION REPORT

Project Name WY Ind Park Regional SWM Basin Inspection Date 5/23/13 Inspection Time 10:00 - 10:50

Continuation Sheet

Violations

Site Description &amp; Observations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

1) No violations observed at this site visit.

- a. YCCD will continue to monitor for a standard of "uniform 70% perennial vegetative cover."
- b. YCCD recommends regular mowing along north side of site to encourage grass growth and keep down weeds. Thistle becoming established.
- c. YCCD recommends planting a wetland mix in the areas of basin bottom with low elevations near the dam. May try consulting Ernst Seeds for ERNMX-122.A51

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)\_\_\_\_\_  
(Date)

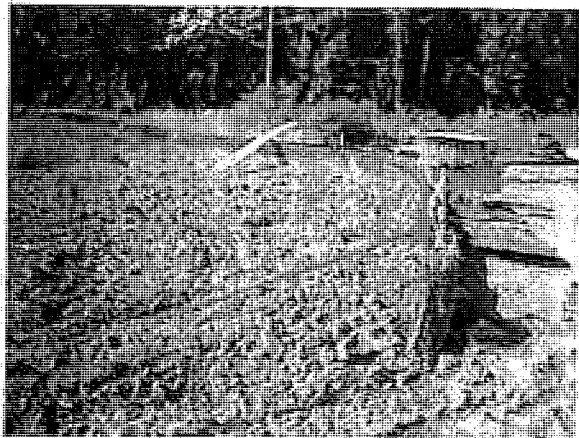
*Karl Ward*  
(Inspector's Signature)

5/23/2013  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.



Date:	06/26/13	Site Name:	York RR Transload Facility	Permit #	PAG02-0067-12-019
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	88 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



Super silt fence maintained



Super silt fence maintained



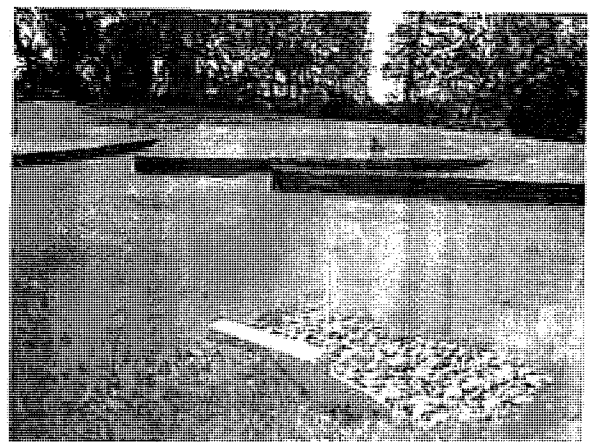
Rock construction entrance maintained



MH-B2 to sediment basin  
(not to bio-retention area)

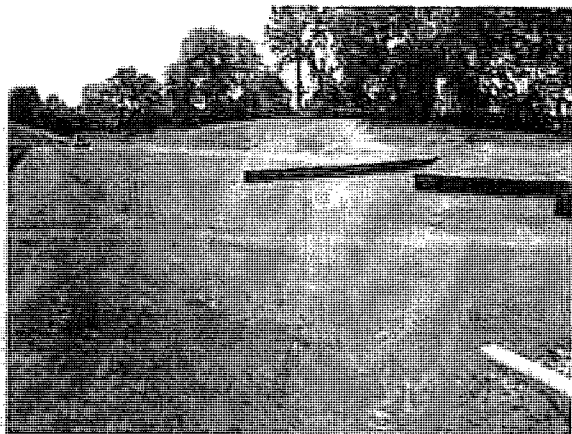


Bioretention Basin #2 fenced out

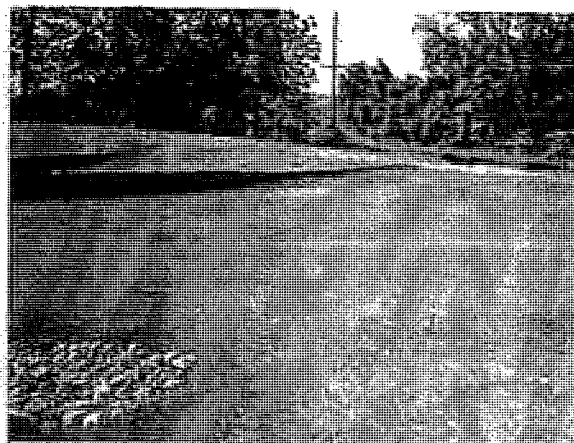


Overview of sediment basin

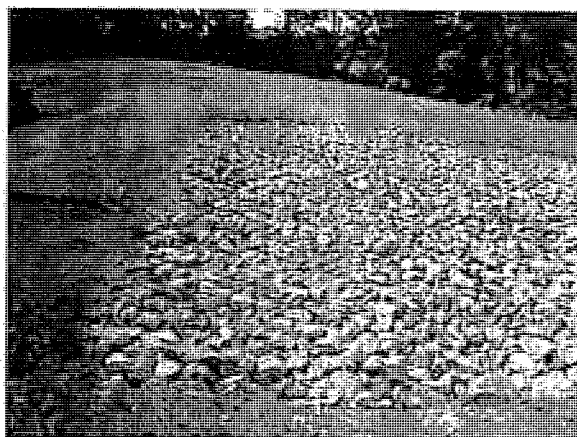
Date:	06/26/13	Site Name:	York RR Transload Facility	Permit #	PAG02-0067-12-019
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	88 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



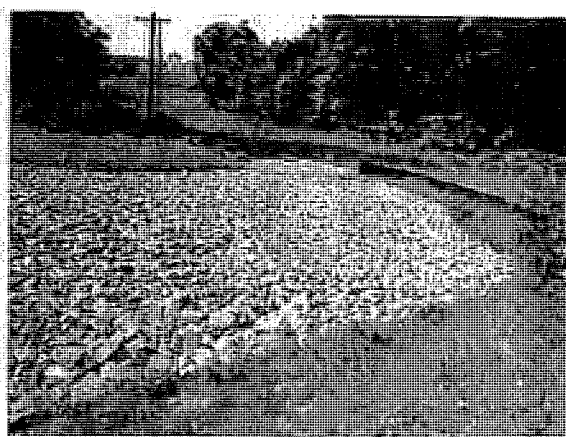
Overview of sediment basin



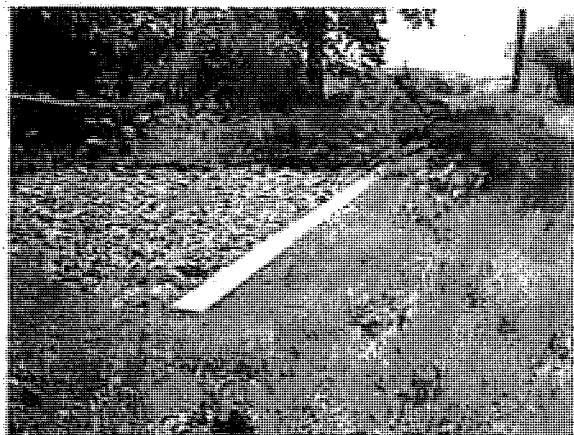
Overview of sediment basin



Emergency spillway and level spreader



Emergency spillway and level spreader

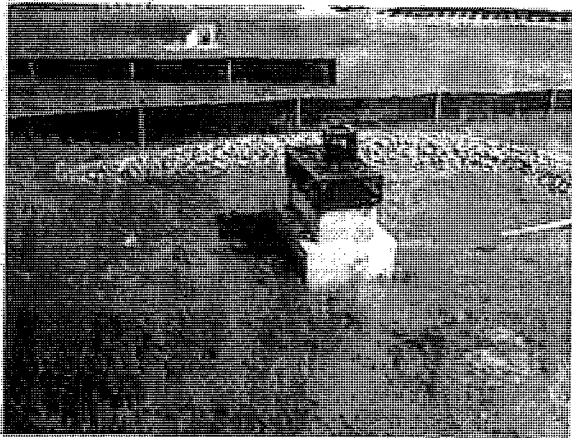


Emergency spillway and level spreader

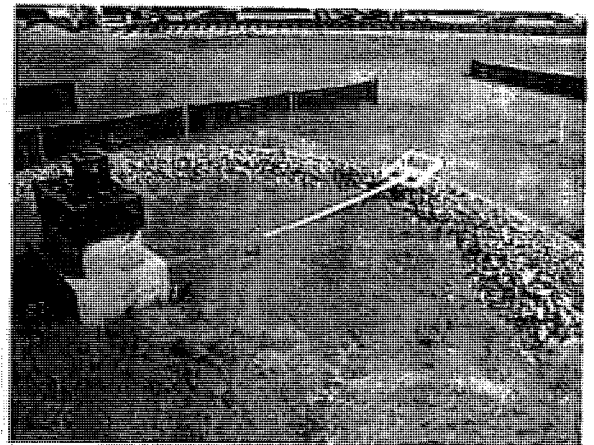


Top of berm stabilized

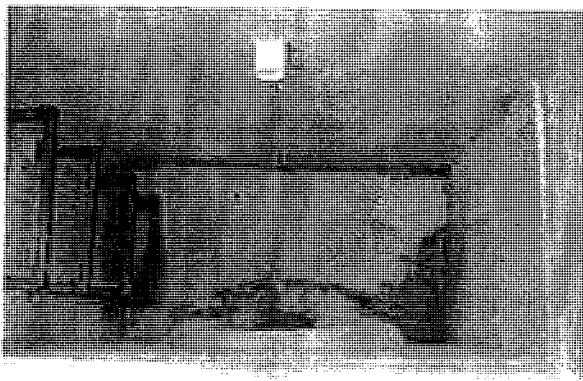
Date:	06/26/13	Site Name:	York RR Transload Facility	Permit #	PAG02-0067-12-019
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	88 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



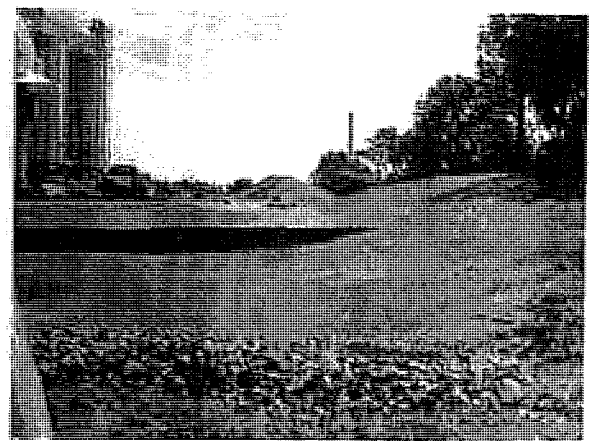
Sediment basin structures



Sediment basin structures



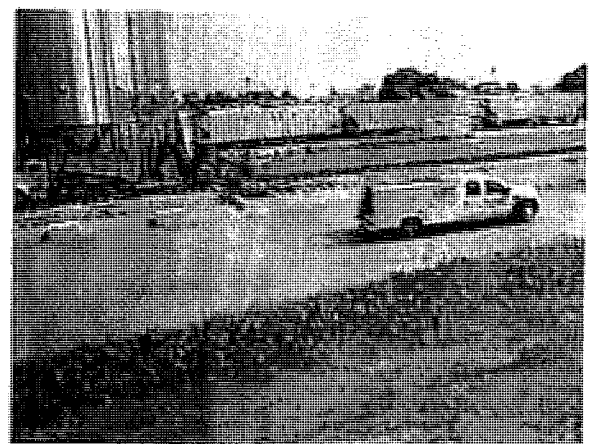
Inside permanent riser



Overview towards stockpile

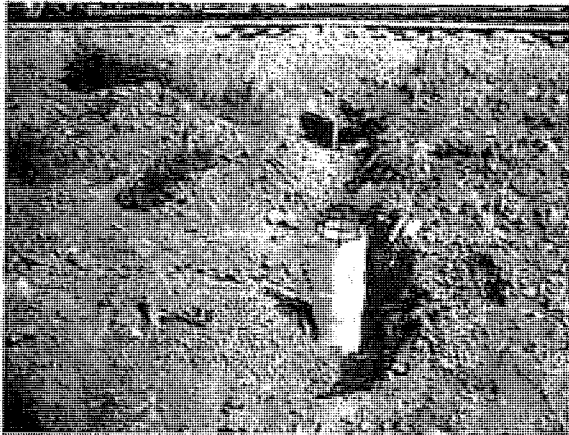


Top of berm and super silt fence



New inlet extra from plan installed

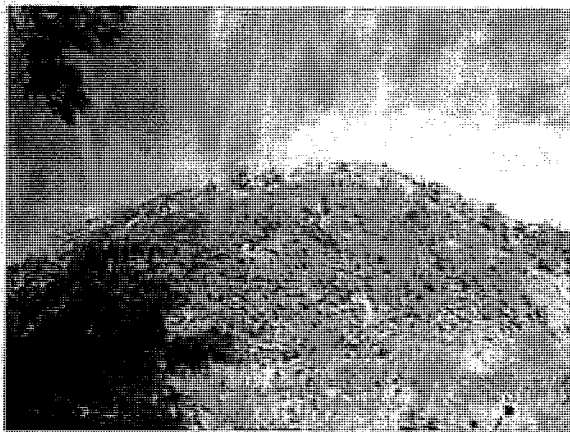
Date:	06/26/13	Site Name:	York RR Transload Facility	Permit #	PAG02-0067-12-019
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	88 degrees, sunny	Insp. #	Report 2	Type of Camera :	Digital



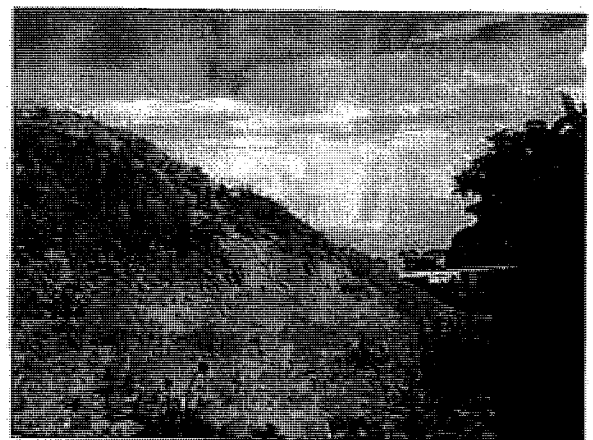
Dome in Bioretention Basin #1



Stockpile stabilized



Stockpile stabilized



Stockpile stabilized



Bioretention Basin #1 fenced out



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

**July 16, 2013**

David Hart  
York Railway Company  
2790 West Market Street  
York PA 17404

RE: **York RR Transload Facility**  
**PAG02-0067-12-019**  
West Manchester Township  
York County

Dear Mr. Hart;

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Chapter 102, Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharge from construction activities.

As of **6/26/2013**, this site meets the requirements of the Chapter 102 Erosion Control regulations. See the enclosed inspection report for comments. The Conservation District will conduct additional inspections of the above referenced site until all disturbed areas are permanently stabilized.

Please contact our office if you should have any questions. The phone number is 717-840-7430.

Sincerely yours,

**Karen Ward**  
**Engineering Technician II**

cc: West Manchester Township  
Steve Detwiler, H & H General Excavating  
File wl

enclosure : EDI Report







**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2

## EARTH DISTURBANCE INSPECTION REPORT

Project Name York RR Transload Facility Inspection Date 6/26/13 Inspection Time 9:30 - 10:35  
Weather Conditions 88 degrees, sunny Total Project Area 36.7 acres  
Location Off Route 462 west at RR crossing Total Disturbed Area 4.7 acres  
Municipality West Manchester Township County York  
Receiving Water(s) UNT to Codorus Creek Designated/Existing Use WWF

Responsible Party(s) David Hart Steve Detwiler  
(name & address) York Railway Company H & H General Excavating  
2790 West Market Street P.O. Box 141  
York, PA 17404 Spring Grove, PA 17362

Site Representative Steve Detwiler & Calvin Richie, H & H Inspector (name) Karen Ward  
(title) Engineering Technician

Type of Inspection (check only one) Photographs Taken ☒ Yes ☐ No  
Routine Complete ☒ Routine Partial ☐ Follow-up ☐ Complaint ☐ Final ☐

### Site Description & Observations:

### Violations

1) Routine inspection to follow up Report 1 dated 01/10/13. Plan available on site. Discussed on site:

a. Stockpile will remain in place on site for RR use but should be permanently stabilized. Discussed possibility of hydroseeding.

b. 2 bioretention areas OK to install when paving is done with 1) silt sack in new inlet and 2) trench drain outlet gets stone filter berm on apron until grass strips are stabilized.

2) Rock construction entrance maintained per plan.

3) Sediment Basin installed and functioning per plan.

4) Bioretention Basins fenced out from vehicular traffic.

5) Super silt fence maintained per plan. OK to remove SSF from level spreader to stockpile end. Leave in place SSF around Bioretention Basin #2 until it is stabilized.

6) Stockpile stabilized.

☐ Continued on page 3 of       

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other <u>                    </u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Written Post Construction Stormwater Management Plan required	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Erosion & Sediment Control Plan requested	<input type="checkbox"/> Pvt Road/Residence (PRRS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Post Construction Stormwater Management Plan Requested	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> E & S Control Permit required	<input type="checkbox"/> Govmt. Facilities (GOV)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NPDES Permit required	<input type="checkbox"/> Utilities Facilities (UTL)
		<input type="checkbox"/> Phased Constr.	<input type="checkbox"/> Recreation Facilities (RECF)
		<input checked="" type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Agricul. Activities (AGA)
Permit #: <u>PAG02-0067-12-019</u> Exp. Date: <u>9/26/14</u>		<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)



## EARTH DISTURBANCE INSPECTION REPORT

Project Name York RR Transload Facility Inspection Date 6/26/13 Inspection Time 9:30 - 10:35

### Inspection Findings (check as many as appropriate)

#### Reference

- |  |                                     |           |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/>            | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input type="checkbox"/>            | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/>            | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2

## EARTH DISTURBANCE INSPECTION REPORT

Project Name York RR Transload Facility Inspection Date 6/26/13 Inspection Time 9:30 - 10:35  
Continuation Sheet  
Site Description & Observations Violations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

1) No violations observed at this site visit.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

*Karen J. Ward*  
(Inspector's Signature)

6/26/2013  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.





YORK COUNTY  
CONSERVATION DISTRICT

*Conserving Natural Resources for Our Future*

August 27, 2013

Richard & Mary Jane Whitfield  
2329 Fairway Drive  
York PA 17408

VIA FIRST CLASS MAIL/ELECTRONIC MAILING  
RE: **Earth Disturbance Inspection for  
Augusta Court  
File # 162-13  
West Manchester Township  
York County**

Dear Mr. & Mrs. Whitfield;

On **8/16/2013**, a representative of the York County Conservation District conducted an inspection of earth disturbance activities at the **Augusta Court** site. Please refer to the enclosed inspection report as guidance to obtain voluntary compliance with the Rules and Regulations.

The York County Conservation District, by delegation agreement with the Pennsylvania Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earthmoving activities to determine compliance with the Commonwealth's Clean Streams Law and Chapter 102, Erosion and Sediment Control Rules and Regulations.

Sediment has been identified as the #1 source of pollution to our waterways in south central Pennsylvania and is a major contributor to the decline of the Chesapeake Bay. Chapter 102 requires persons proposing or conducting earth disturbance activities to develop, implement and maintain Best Management Practices (BMPs) to minimize the potential for accelerated erosion and sedimentation. This regulation requires that a written Erosion and Sediment (E&S) Pollution Control Plan be developed, implemented, and kept available on site at all times. The E&S plan shows the site specific BMPs to be implemented for your project. The purpose of this regulation is to protect, maintain, reclaim and restore water quality and the existing and designated uses of waters of the Commonwealth.

The enclosed inspection report identifies the site conditions at Augusta Court as of 8/16/2013. The inspection report reveals that earth disturbance activities are being conducted in a manner that are in violation of the Pennsylvania's The Clean Streams Law, the Act of June 22, 1937, P. L. 1987 as amended, 35 P.S. §691.1 et seq., and Chapter 102, Erosion Control Rules and Regulations.

It is requested the erosion and sediment pollution control plan for the above referenced site be submitted to the Conservation District by **9/9/2013**. ***Please note that failure to submit a copy of the erosion and sediment control plan as requested is a violation of 25 Pa. Code 102.4.***



The Conservation District's primary mission is to educate and assist the public in making the best choices in conserving and protecting our natural resources. ***In so doing the Conservation District prefers to resolve this matter through voluntary means.*** Please contact the District in reference to the corrective measures you plan to take or have already taken and the expected timeframes for completion.

Please be advised the Conservation District and/or representatives of the Department will be conducting future inspections at the site.

Your cooperation in resolving this matter is greatly appreciated. If you should have any questions, please feel free to contact me at (717-840-7430).

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Karen Ward', written over a horizontal line.

Karen Ward  
Engineering Technician II

Enclosure- EDI report

cc: West Manchester Township

Justin Aiello, Aiello's Custom Homes

File w/



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Augusta Court Inspection Date 8/16/13 Inspection Time 3:55 - 4:20  
Weather Conditions 78 degrees, sunny Total Project Area 0.873 acres  
Location North cul-de-sac end of Greens-by-Honey Run Total Disturbed Area 0.873 acres  
Municipality West Manchester Township County York  
Receiving Water(s) Honey Run Designated/Existing Use TSF

Responsible Party(s) Richard and Mary Jane Whitfield Aiello's Custom Attn: Justin Aiello  
(name & address) 2329 Fairway Drive 60 Shamrock lane  
York, PA 17408 New Oxford, PA 17350  
(717) 792-9920 (717) 451-3910

Site Representative No one on site Inspector (name) Karen Ward  
(title) \_\_\_\_\_ (title) Engineering Technician

Type of Inspection (check only one) Photographs Taken ☒ Yes ☐ No  
Routine Complete ☐ Routine Partial ☐ Follow-up ☐ Complaint ☒ Final ☐

### Site Description & Observations:

### Violations

- 1) Inspection in response to complaint #162-13 citing, "lot...clear cut... (without)...sedimentation controls."  
2 b 4
- 2) No written E&S (erosion and sedimentation control) plan available on site.  
2 d 4
- 3) 0.873 acre lot has been clear cut but no grubbing or rooting popping has occurred yet. No E&S BMP (best management practices) installed at downslope perimeter of lot prior to logging operation. Sediment laden runoff has discharged offsite.  
2 d 4
- 4) Lot accessed across curb with not RCE (rock construction entrance) installed.  
2 d 4

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Written Post Construction Stormwater Management Plan required	<input checked="" type="checkbox"/> Pvt Road/Residence (PRRS)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Erosion & Sediment Control Plan requested	<input type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NPDES Permit required	<input type="checkbox"/> Sewer/Water Systems (SWS)
		<input type="checkbox"/> Phased Constr. <input type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Oil/Gas Development (OGD)
Permit #: _____ Exp. Date: _____		<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Augusta Court Inspection Date 8/16/13 Inspection Time 3:55 - 4:20

### Inspection Findings (check as many as appropriate)

### Reference

- |  |                                     |           |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input type="checkbox"/>            | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input checked="" type="checkbox"/> | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input checked="" type="checkbox"/> | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input checked="" type="checkbox"/> | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☒ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Augusta Court Inspection Date 8/16/13 Inspection Time 3:55 - 4:20  
Continuation Sheet  
Site Description & Observations Violations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

- 1) Should immediately and voluntarily cease and desist any earth disturbance activities except for those required for the installation of E&S BMPs until a written E&S plan is approved and available on site.
- 2) Should submit for review and approval a written Erosion and Sediment Control plan and associated District service fees.
- 3) Should correct all violations listed on Page 1 of this report (i.e.: install E&S BMPs at downslope perimeter of lot.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

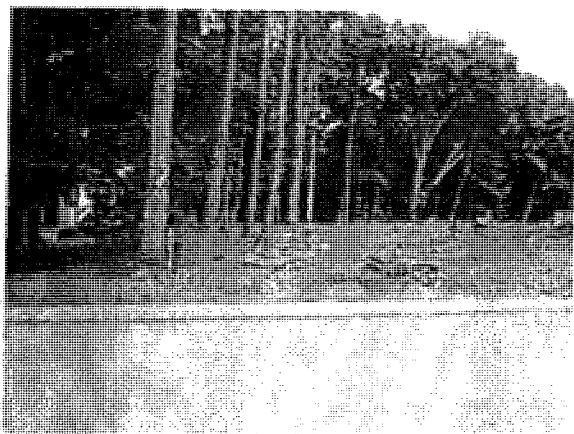
\_\_\_\_\_  
(Date)

*Karl Ward*  
(Inspector's Signature)

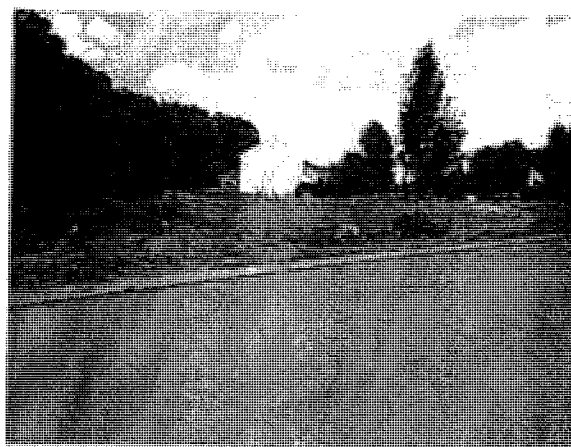
8/16/2013  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

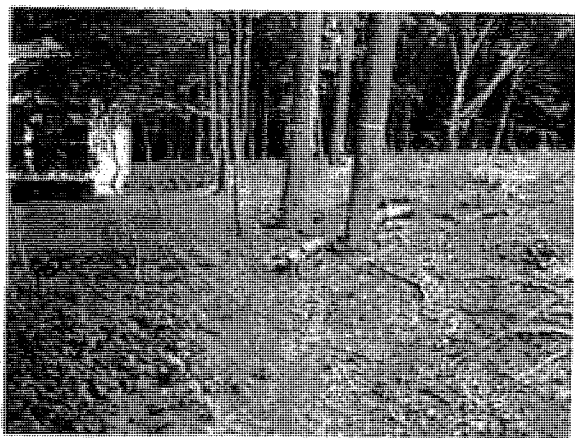
Date:	08/16/13	Site Name:	Augusta Court		
Municipality	West Manchester Twp	Complaint #	162-13	Photographer:	K. Ward
Weather :	78 degrees, sunny	Insp. #	Report 1	Type of Camera :	Digital



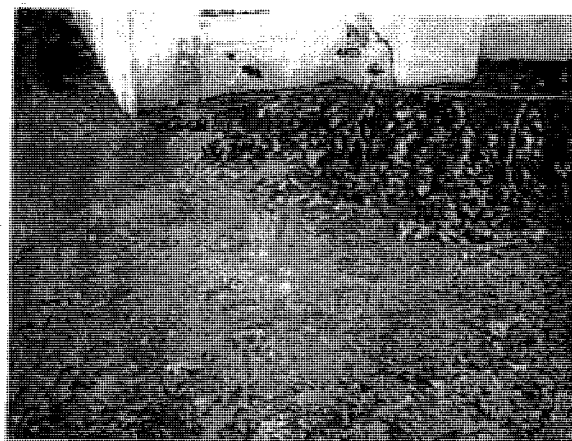
Overview of cleared lot from road



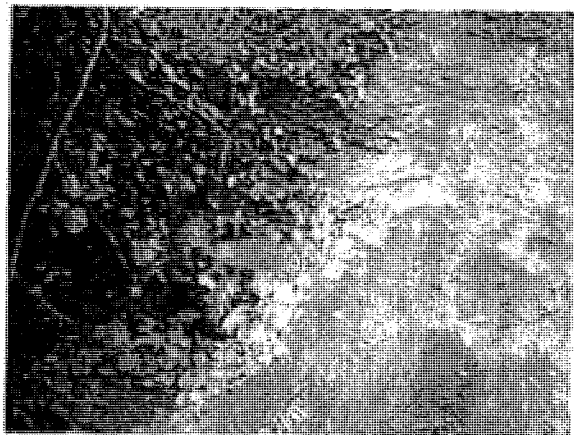
Overview of cleared lot from road



Along west property line

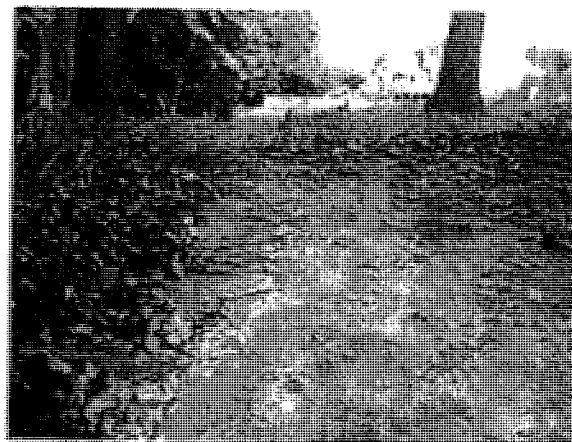


Sediment laden runoff flowing offsite



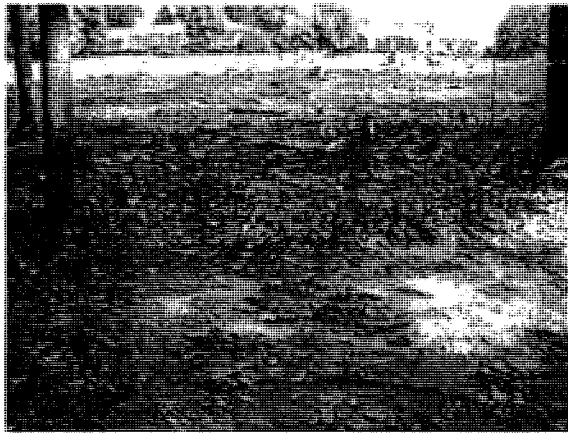
Sediment laden runoff flowing offsite

1



Sediment laden runoff flowing offsite

Date:	08/16/13	Site Name:	Augusta Court		
Municipality	West Manchester Twp	Complaint #	162-13	Photographer:	K. Ward
Weather :	78 degrees, sunny	Insp. #	Report 1	Type of Camera :	Digital



Sediment laden runoff flowing offsite



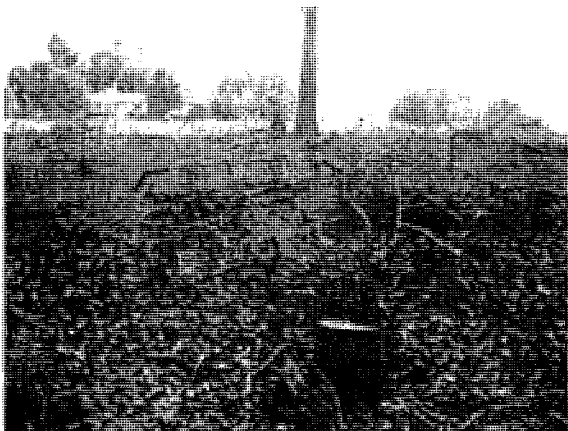
Along north property line



Overview of cleared lot  
from north property line



Overview of cleared lot  
from north property line

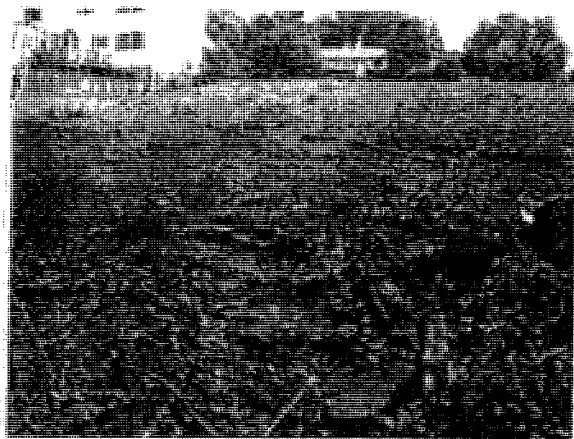


Overview of cleared lot  
from north property line

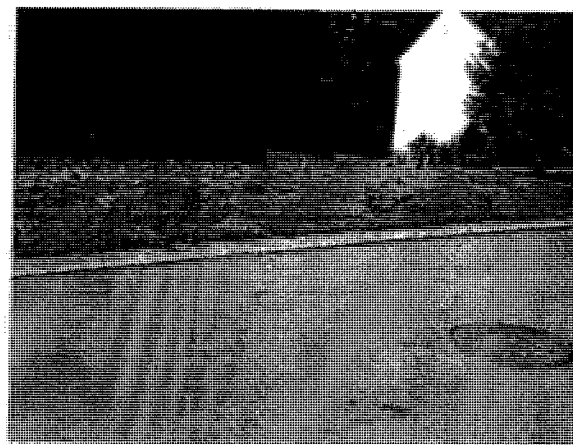


Overview of cleared lot  
from north property line

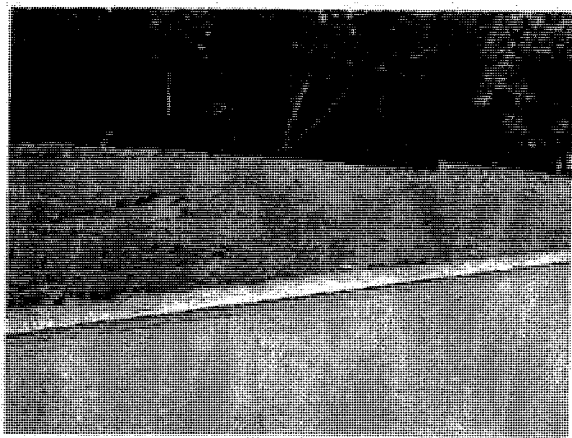
Date:	08/16/13	Site Name:	Augusta Court		
Municipality	West Manchester Twp	Complaint #	162-13	Photographer:	K. Ward
Weather :	78 degrees, sunny	Insp. #	Report 1	Type of Camera :	Digital



Overview of cleared lot from north property line

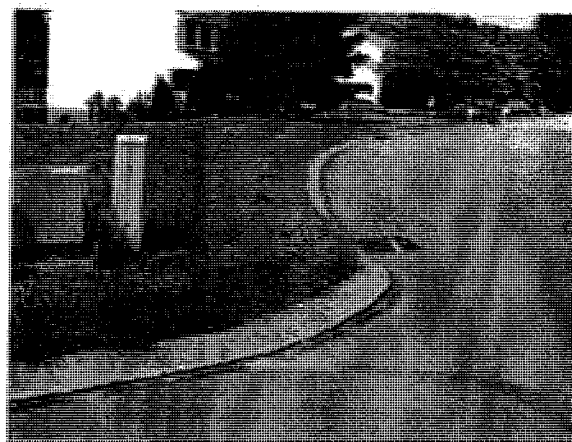


Lot accessed across curb with no RCE (rock construction entrance)



Lot accessed across curb with no RCE (rock construction entrance)

3



Lot accessed across curb with no RCE (rock construction entrance)





**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

**June 20, 2013**

John Dotzel  
John M Dotzel Builder Inc  
2350 Taxville Road  
York PA 17408

**RE: 2435 Baker Road  
File # 027-13  
West Manchester Township  
York County**

Dear Mr. Dotzel;

The York County Conservation District, by delegation agreement with the Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earth disturbance activities to determine compliance with the Chapter 102, Erosion and Sediment Control Rules and Regulations, The Clean Streams Law, Chapter 92, and NPDES Permit Requirements for Stormwater Discharge from construction activities.

As of **6/12/2013**, this site meets the requirements of the Chapter 102 Erosion Control regulations. See the enclosed inspection report for comments.

Please contact our office if you should have any questions. The phone number is 717-840-7430.

Sincerely yours,

**Karen Ward  
Engineering Technician II**

cc: West Manchester Township  
File wl

enclosure : EDI Report





## EARTH DISTURBANCE INSPECTION REPORT

Project Name 2435 Baker Road Inspection Date 6/12/13 Inspection Time 12:35 - 12:40  
 Weather Conditions 81 degrees, sunny Total Project Area 0.46 acre  
 Location West side of N Baker north of Sunset Total Disturbed Area 0.46 acre  
 Municipality West Manchester Township County York  
 Receiving Water(s) Little Conewago Designated/Existing Use WWF

Responsible Party(s) John M Dotzel Builder Inc

(name & address) 2350 Taxville Road

York, PA 17408

(717) 792-2470

Site Representative No one on site

(title) \_\_\_\_\_

Inspector (name) Karen Ward

(title) Engineering Technician

Type of Inspection (check only one)

Routine Complete ☐

Routine Partial ☐

Follow-up ☐

Photographs Taken

☒ Yes ☐ No

Complaint ☐ Final ☒

Site Description & Observations:

Violations

1) Inspection to follow up Report 1 dated 02/14/13.

2) A written E&S plan submitted and approved.

3) Lot being accessed off road via paved driveway.

4) Silt fence installed and remains in place.

5) Stockpile removed.

6) Lawn made and becoming established.

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	<input type="checkbox"/> Other _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Written Post Construction Stormwater Management Plan required	<input checked="" type="checkbox"/> Pvt Road/Residence (PRRS)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Erosion & Sediment Control Plan requested	<input type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NPDES Permit required	<input type="checkbox"/> Oil/Gas Development (OGD)
		<input type="checkbox"/> Phased Constr. <input type="checkbox"/> Non-Phased Constr.	<input type="checkbox"/> Silviculture (SILV)
Permit #: _____		Exp. Date: _____	



## EARTH DISTURBANCE INSPECTION REPORT

Project Name 2435 Baker Road Inspection Date 6/12/13 Inspection Time 12:35 - 12:40

### Inspection Findings (check as many as appropriate)

- |  | Reference                                 |
|--|---|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> (N/A) |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)          |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/> (102.4)          |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)          |
| d. implement effective Best Management Practices:  | <input type="checkbox"/> (102.4)          |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)          |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)          |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/> (102.5)          |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)          |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)          |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)          |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)          |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)          |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)          |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/> (102.8)          |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/> (102.8)          |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)          |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)          |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)         |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/> (102.22)         |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/> (102.22)         |
| u. comply with permit conditions:  | <input type="checkbox"/> (402 CSL)        |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)        |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/> (402 CSL)        |
| 5. Other (describe): _____   | <input type="checkbox"/> _____            |
| 6. Other (describe): _____   | <input type="checkbox"/> _____            |
| 7. Other (describe): _____   | <input type="checkbox"/> _____            |
| 8. Other (describe): _____   | <input type="checkbox"/> _____            |
| 9. Other (describe): _____   | <input type="checkbox"/> _____            |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERSHED MANAGEMENT

Report No. 2 Final**EARTH DISTURBANCE INSPECTION REPORT**

Project Name 2435 Baker Road Inspection Date 6/12/13 Inspection Time 12:35 - 12:40  
Continuation Sheet  
Site Description & Observations Violations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

**Compliance Assistance Measures**

1) Lawn made and becoming established. Driveway paved. Complaint # 027-13 closed.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

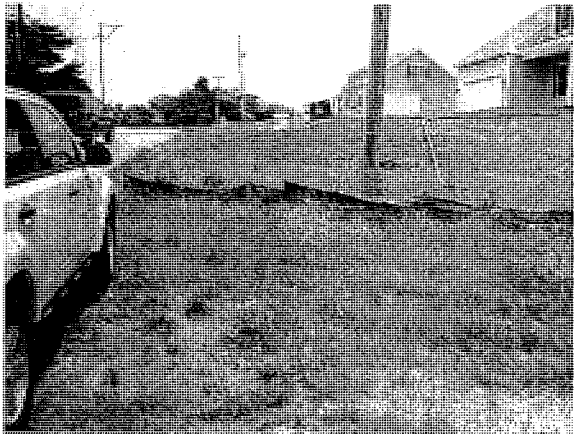
\_\_\_\_\_  
(Signature of Site Representative)\_\_\_\_\_  
(Date)

*Karen Sward*  
(Inspector's Signature)

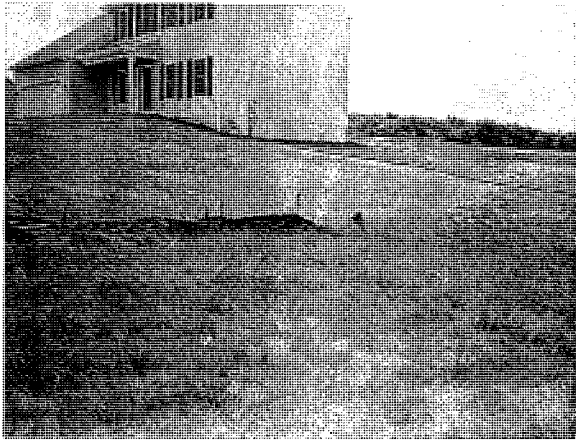
6/12/2013  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

Date:	06/12/13	Site Name:	2435 Baker Road		
Municipality	West Manchester Twp	Complaint #	027-13	Photographer:	K. Ward
Weather :	81 degrees, sunny	Insp. #	Report 2 Final	Type of Camera :	Digital



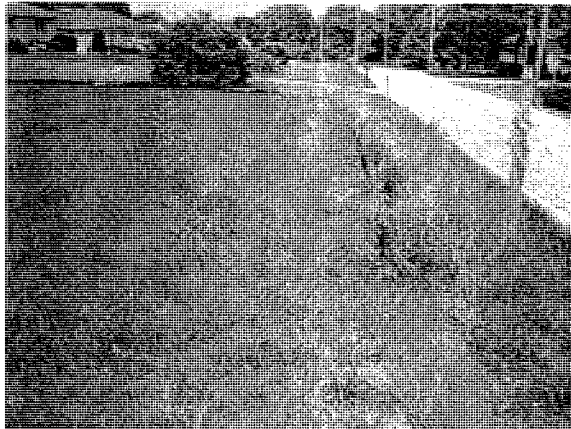
Silt fence remains in place; overview of lawn becoming established



Silt fence remains in place; overview of lawn becoming established



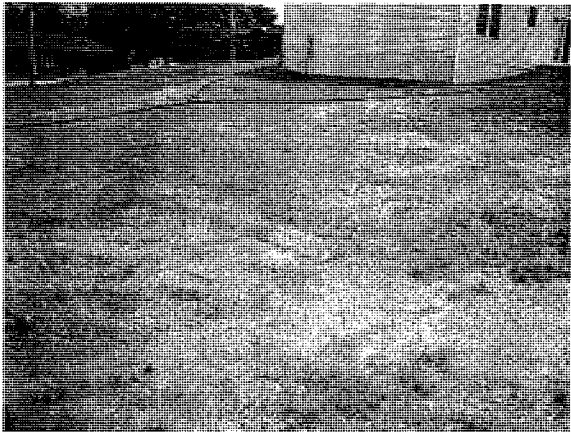
Silt fence remains in place; overview of lawn becoming established



Silt fence remains in place; overview of lawn becoming established



Adjacent lot still sparse



Adjacent lot still sparse

Date:	06/12/13	Site Name:	2435 Baker Road		
Municipality	West Manchester Twp	Complaint #	027-13	Photographer:	K. Ward
Weather :	81 degrees, sunny	Insp. #	Report 2 Final	Type of Camera :	Digital



Adjacent lot still sparse



Adjacent lot still sparse



Across backyard



Across side yard



Across side yard



Silt fence remains in place; overview of lawn becoming established



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

November 12, 2013

Nagy Abdelhamed  
4330 West Market Street  
York PA 17408

VIA FIRST CLASS MAIL/ELECTRONIC MAILING  
RE: **Earth Disturbance Inspection for  
4330 W Market Street  
File # 203-13  
West Manchester Township  
York County**

Dear Mr. Abdelhamed;

On **11/7/2013**, a representative of the York County Conservation District conducted an inspection of earth disturbance activities at the **4330 W Market Street** site. Please refer to the enclosed inspection report as guidance to obtain voluntary compliance with the Rules and Regulations.

The York County Conservation District, by delegation agreement with the Pennsylvania Department of Environmental Protection (DEP), is authorized to investigate complaints and inspect earthmoving activities to determine compliance with the Commonwealth's Clean Streams Law and Chapter 102, Erosion and Sediment Control Rules and Regulations.

Sediment has been identified as the #1 source of pollution to our waterways in south central Pennsylvania and is a major contributor to the decline of the Chesapeake Bay. Chapter 102 requires persons proposing or conducting earth disturbance activities to develop, implement and maintain Best Management Practices (BMPs) to minimize the potential for accelerated erosion and sedimentation. This regulation requires that a written Erosion and Sediment (E&S) Pollution Control Plan be developed, implemented, and kept available on site at all times. The E&S plan shows the site specific BMPs to be implemented for your project. The purpose of this regulation is to protect, maintain, reclaim and restore water quality and the existing and designated uses of waters of the Commonwealth.

The enclosed inspection report identifies the site conditions at 4330 W Market Street as of 11/7/2013. The inspection report reveals that earth disturbance activities are being conducted in a manner that are in violation of the Pennsylvania's The Clean Streams Law, the Act of June 22, 1937, P. L. 1987 as amended, 35 P.S. S691.1 et seq., and Chapter 102, Erosion Control Rules and Regulations.

It is requested the erosion and sediment pollution control plan for the above referenced site be submitted to the Conservation District by **12/16/2013**. ***Please note that failure to submit a copy of the erosion and sediment control plan as requested is a violation of 25 Pa. Code 102.4.***



The Conservation District's primary mission is to educate and assist the public in making the best choices in conserving and protecting our natural resources. ***In so doing the Conservation District prefers to resolve this matter through voluntary means.*** Please contact the District in reference to the corrective measures you plan to take or have already taken and the expected timeframes for completion.

Please be advised the Conservation District and/or representatives of the Department will be conducting future inspections at the site.

Your cooperation in resolving this matter is greatly appreciated. If you should have any questions, please feel free to contact me at (717-840-7430).

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Karen Ward', written over a circular stamp.

Karen Ward  
Engineering Technician II

Enclosure- EDI report  
cc: West Manchester Township  
File wl





## EARTH DISTURBANCE INSPECTION REPORT

Project Name 4330 West Market Street Inspection Date 11/7/13 Inspection Time 2:30 - 3:05  
 Weather Conditions 54 degrees, partly cloudy Total Project Area 0.804 acres  
 Location South side of Route 30 east of Route 116 Total Disturbed Area less than 1 acre  
 Municipality West Manchester Township County York  
 Receiving Water(s) UNT to West Branch Codorus Creek Designated/Existing Use WWF

 Responsible Party(s) Nagy Abdelhamed, Owner

(name &amp; address)

4330 West Market StreetYork, PA 17408(717) 600-4106 mrynagy@hotmail.com
 Site Representative John Birkeland, The Rock Real Estate
(title) at the request of Mr. Nagy
 Inspector (name) Karen Ward
(title) Engineering Technician

Type of Inspection (check only one)

Routine Complete ☐Routine Partial ☐Follow-up ☐

Photographs Taken

☒ Yes ☐ NoComplaint ☒ Final ☐

Site Description &amp; Observations:

Violations

1) Inspection in response to complaint #203-13 citing, "Truckloads of fill being dumped on lot next to Lee's Diner." Property owner is out of the country, so his real estate agent, John Birkeland of The Rock attended for him. RPs assume the previous tenant on site brought the fill in to level out the back of the lot.

2) Area of earth disturbance greater than 5000 sq. ft. but less than 1 acre:

a. No written E&S (erosion and sediment control) plan available on site.

2 b 4

b. Fill placed within 50 feet of WOC (waters of the Commonwealth) along south side of site.

2 4

Encroachment activity may require a general permit from DEP per Chapter 105.

c. Fill not stabilized with seed and erosion control matting (required on slopes greater than 3:1 or within 50 feet of WOC.) Sediment has eroded off side slope, gullies have formed in side slope. tension cracks are visible at top of slope.

2 s t 4

d. Most of the fill falls under the definition of "clean fill" (i.e.: concrete, block, asphalt greater than 1 inch diameter) but organic materials (i.e.: root balls, tree debris) is not "clean fill".

2 d 4

☒ Continued on page 3 of 3

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Written Post Construction Stormwater Management Plan required	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Erosion & Sediment Control Plan requested	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NPDES Permit required	
		<input type="checkbox"/> Phased Constr. <input type="checkbox"/> Non-Phased Constr.	
Permit #:		Exp. Date:	
		<input type="checkbox"/> Other _____	
		<input type="checkbox"/>	Pub. Road Constr./Maint. (PRC)
		<input type="checkbox"/>	Pvt Road/Residence (PRRS)
		<input type="checkbox"/>	Res. Subdivision (RSBD)
		<input checked="" type="checkbox"/>	Comm./Indust. Dev. (CMIN)
		<input type="checkbox"/>	Govt. Facilities (GOV)
		<input type="checkbox"/>	Recreation Facilities (RECF)
		<input type="checkbox"/>	Utilities Facilities (UTL)
		<input type="checkbox"/>	Agricul. Activities (AGA)
		<input type="checkbox"/>	Sewer/Water Systems (SWS)
		<input type="checkbox"/>	Oil/Gas Development (OGD)
		<input type="checkbox"/>	Remediation/Restoration (RRES)
		<input type="checkbox"/>	Silviculture (SILV)



## EARTH DISTURBANCE INSPECTION REPORT

Project Name 4330 West Market Street Inspection Date 11/7/13 Inspection Time 2:30 - 3:05

### Inspection Findings (check as many as appropriate)

- |  | Reference                                     |
|--|---|
| 1. No violations observed at this time:  | <input type="checkbox"/> (N/A)                |
| 2. Failure to (check all that apply):  |   |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/> (102.4)              |
| b. have an Erosion and Sediment Control Plan available on site:  | <input checked="" type="checkbox"/> (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/> (102.4)              |
| d. implement effective Best Management Practices:  | <input checked="" type="checkbox"/> (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/> (102.4)              |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/> (102.4)              |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/> (102.5)              |
| h. obtain an E&S permit:   | <input type="checkbox"/> (102.5)              |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/> (102.5)              |
| j. submit Notice of Termination:   | <input type="checkbox"/> (102.7)              |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/> (102.8)              |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/> (102.8)              |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/> (102.8)              |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/> (102.8)              |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/> (102.8)              |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/> (102.8)              |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/> (102.8)              |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/> (102.14)             |
| s. provide temporary stabilization of earth disturbance site:  | <input checked="" type="checkbox"/> (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input checked="" type="checkbox"/> (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/> (402 CSL)            |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/> (401 CSL)            |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input checked="" type="checkbox"/> (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/> _____                |
| 6. Other (describe): _____   | <input type="checkbox"/> _____                |
| 7. Other (describe): _____   | <input type="checkbox"/> _____                |
| 8. Other (describe): _____   | <input type="checkbox"/> _____                |
| 9. Other (describe): _____   | <input type="checkbox"/> _____                |

☒ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

**Additional information regarding these violations can be found on the back of this page.**



## EARTH DISTURBANCE INSPECTION REPORT

Project Name 4330 West Market Street Inspection Date 11/7/13 Inspection Time 2:30 - 3:05

Continuation Sheet

Violations

### Site Description & Observations

- 3) Silt fence not installed per manufacturer's instructions or PA DEP E&SPC Program Manual standard construction details (i.e.: not trenched in along bottom of fabric, not installed on contour, not maintained, stakes broken, fabric off stakes, joints not wrapped watertight.) 2 d 4

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

- 1) Should submit for review and approval a written erosion and sediment control plan and associated District services fees by the week of December 16, 2013. See our website for District application and guidance information at [www.yorkccd.org](http://www.yorkccd.org)
- 2) YCCD recommends contact West Manchester Township regarding requirements for structural integrity of fill (i.e.: compaction.)
- 3) Should immediately contact Felicia Chirico, DEP, at (717) 705-4779 regarding potential Chapter 105 violations (i.e.: encroachment within 50 feet of WOC.)
- 4) Should correct all violations listed on Pages 1 and 3 of this report. Priority should be given to installation of an adequate sediment barrier downslope off all earth disturbance and temporary stabilization of the side slope and top of fill until a written plan is available and implemented.
- 5) Should immediately stabilize areas of earth disturbance and should apply minimum 6" of topsoil on any areas to be seeded.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

*Karl Ward*  
(Inspector's Signature)

11/7/2013  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

Date:	11/07/13	Site Name:	4330 West Market Street		
Municipality	West Manchester Twp	Complaint #	203-13	Photographer:	K. Ward
Weather :	54 degrees, partly cloudy	Insp. #	Report 1	Type of Camera :	Digital



Overview from west side of site at top of fill



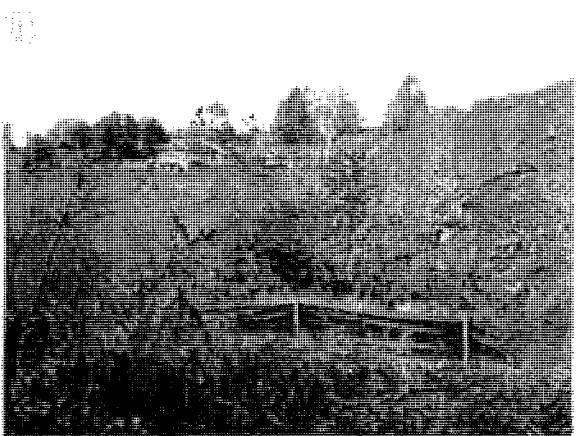
Overview from west side of site at top of fill



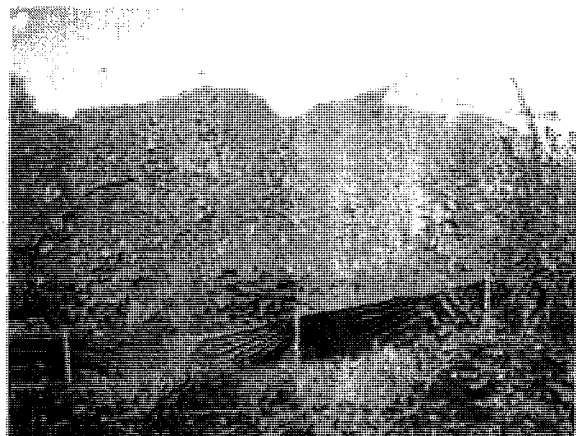
Overview from east side of site at top of fill



Overview from east side of site at top of fill



Along south side of site



Along south side of site

Date:	11/07/13	Site Name:	4330 West Market Street		
Municipality	West Manchester Twp	Complaint #	203-13	Photographer:	K. Ward
Weather :	54 degrees, partly cloudy	Insp. #	Report 1	Type of Camera :	Digital



Along south side of site



Along south side of site



Along south side of site



Along south side of site

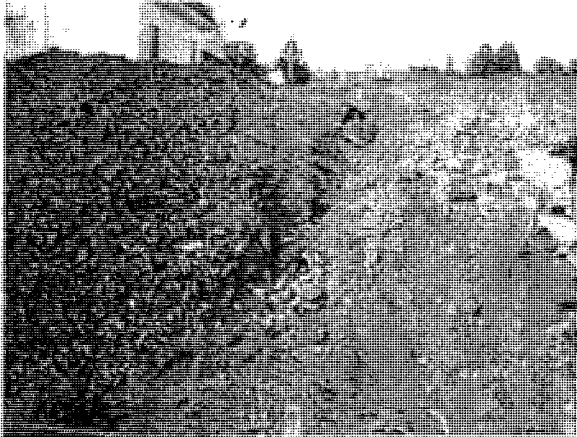


Along south side of site

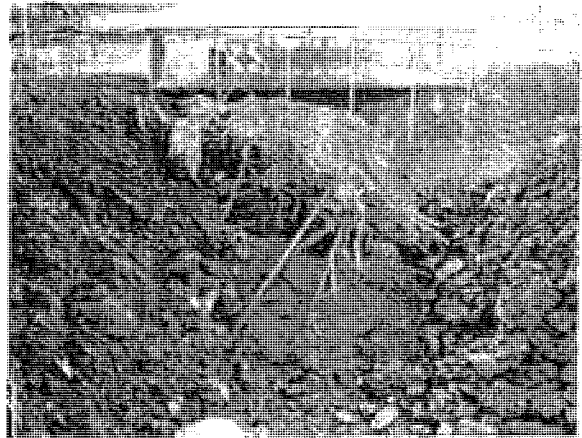


Sediment eroding off side slope of unstabilized fill

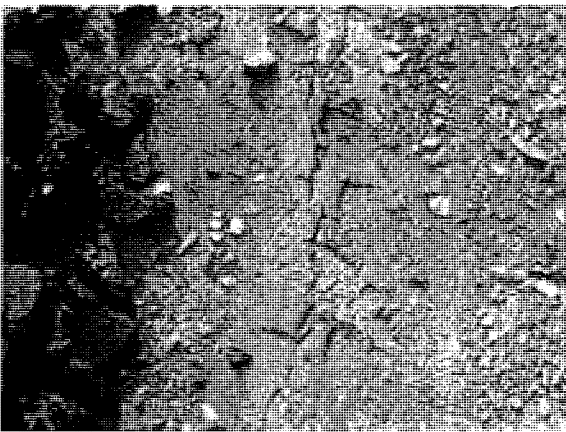
Date:	11/07/13	Site Name:	4330 West Market Street		
Municipality	West Manchester Twp	Complaint #	203-13	Photographer:	K. Ward
Weather :	54 degrees, partly cloudy	Insp. #	Report 1	Type of Camera :	Digital



Gully eroded in side slope of unstabilized fill



Organic materials in fill are "not clean" fill



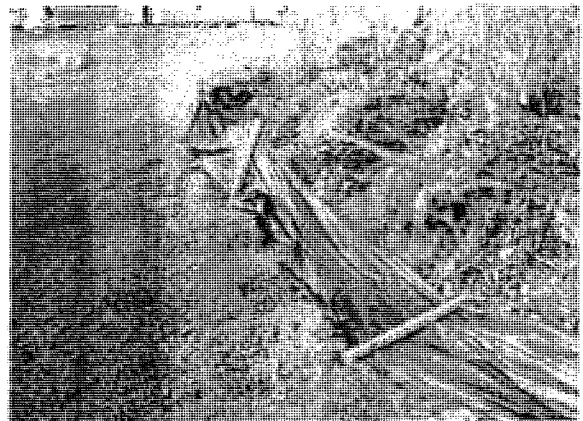
Tension crack at east side of site at top of fill



Silt fence not trenched in along bottom edge of fabric



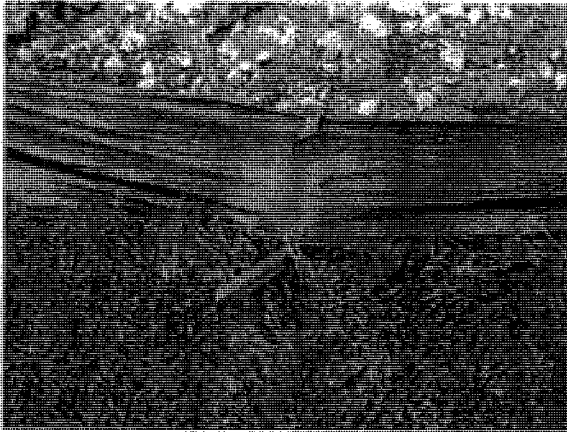
Silt fence not installed on contour



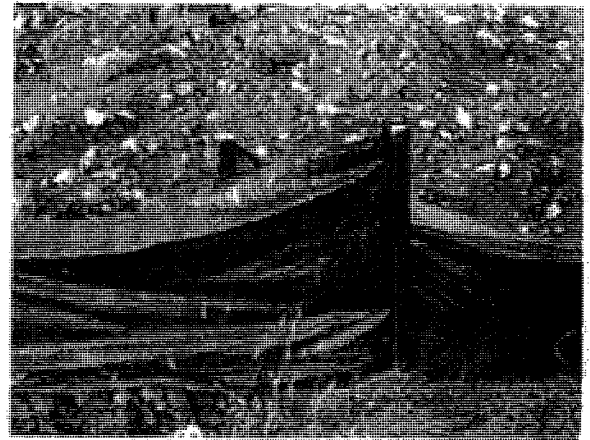
Silt fence not maintained, stakes broken and fabric off stakes



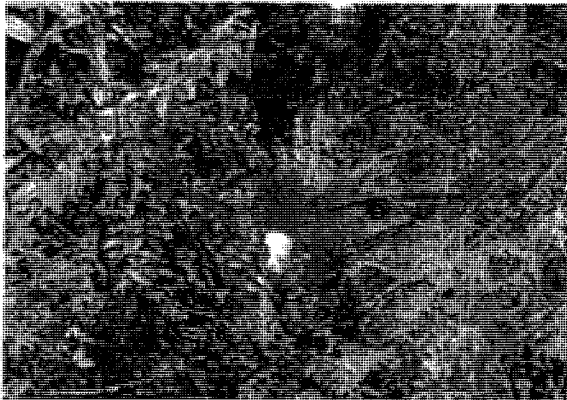
Date:	11/07/13	Site Name:	4330 West Market Street		
Municipality	West Manchester Twp	Complaint #	203-13	Photographer:	K. Ward
Weather :	54 degrees, partly cloudy	Insp. #	Report 1	Type of Camera :	Digital



Silt fence not maintained,  
stakes broken and fabric off stakes



Silt fence joints not wrapped watertight



Existing drainage way (waters of the  
Commonwealth) along south side of site

4



Existing drainage way (waters of the  
Commonwealth) along south side of site



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

October 1, 2013

Aiello's Custom, Inc.  
60 Shamrock Lane  
New Oxford PA 17350

RE: Erosion and Sediment Control Plan Review  
Lot 73 Augusta Court  
West Manchester Township  
York County

Dear Mr. Justin Aiello,

The York County Conservation District has completed its review of the erosion and sedimentation control plan for the above referenced project submitted by Kris Raubenstine, Hanover Land Services, Inc.

The plan dated 9/30/13 has been reviewed and is **ADEQUATE** to meet the minimum requirements of the Department of Environmental Protection's (DEP) rules and regulations, Pa. Title 25, Chapter 102, Erosion and Sediment Control and The Clean Streams Law, provided all Best Management Practices (BMPs) are properly implemented and maintained until the project has been permanently stabilized.

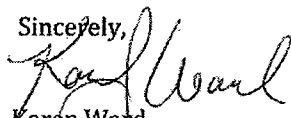
The Conservation District has reviewed this plan solely to determine whether it is adequate to satisfy the requirements of 25 Pa Code, Department of Environmental Protection Chapter 102 Erosion & Sediment Control Regulations. By a determination that the plan is adequate to meet those requirements, the Conservation District and/or the County does not assume any responsibility for the implementation of the plan nor the proper construction and operation of the facilities contained in the plan. The design, structure integrity, and installation of the control measures are the responsibility of the landowner and/or the operator.

Before any earth disturbance may begin, the appropriate and necessary Local, State, and Federal permits must be secured from the agency having specific permitting authority. District approval letters are valid for the duration of the project construction if no changes are made to the approved E&S plans. For projects that have not commenced earth disturbance activities, the E&S plan approval expires 5 years from the date of the District's approval letter.

A copy of the **STAMPED APPROVED** Erosion and Sedimentation Control Plan **must be available and fully implemented** at the site at all times of the earth disturbance activity and until the site is permanently stabilized.

Please notify the York County Conservation District seven days prior to start and finish of construction. If you have any further questions, please call us at 717-840-7430.

Sincerely,



Karen Ward  
Engineering Technician II

Enclosure: Stamped plans  
cc: Kris Raubenstine, Hanover Land Services, Inc.  
West Manchester Township  
File rs





Date:	06/12/13	Site Name:	Burkentine on Lot #58 Golden Tract West	Permit #	
Municipality	West Manchester Twp			Photographer:	K. Ward
Weather :	81 degrees, sunny	Insp. #	Site Meeting	Type of Camera :	Digital

Met Steve Treutle on site.





YORK COUNTY  
CONSERVATION DISTRICT

*Conserving Natural Resources for Our Future*

May 1, 2013

Anthony T. Ruggeri  
Manchester Mall Associates, LLC  
12770 Coit Road, Suite 810  
Dallas TX 75251

RE: Erosion and Sediment Control Plan Review  
Project Name: West Manchester Mall  
Permit # PAG02-0067-13-010  
West Manchester Township  
York County

Dear Mr. Ruggeri;

The York County Conservation District has completed its review of the erosion and sedimentation control plan for the above referenced project submitted by Robert A. Fox, P.E. with Site Design Concepts, Inc.

The plan dated (4/30/13) has been reviewed and is **ADEQUATE** to meet the minimum requirements of the Department of Environmental Protection's (DEP) rules and regulations, Pa. Title 25, Chapter 102, Erosion and Sediment Control and The Clean Streams Law, provided all Best Management Practices (BMPs) are properly implemented and maintained until the project has been permanently stabilized.

The Conservation District has **only reviewed the Erosion and Sediment Control Plan** to determine whether it is adequate to satisfy the requirements of 25 Pa Code, Department of Environmental Protection Chapter 102 Erosion & Sediment Control Regulations. By a determination that the plan is adequate to meet these requirements, neither the Conservation District nor the County assumes any responsibility for the implementation of the plan or the proper construction and operation of the facilities contained in the plan. The design, structure integrity, and installation of the control measures are the responsibility of the landowner and/or the earthmover.

Enclosed is the above referenced permit, which authorizes the discharge of storm water from the construction activity described in the final erosion and sedimentation control plan and Notice of Intent (NOI). Please ensure that the **STAMPED APPROVED** Erosion and Sedimentation control plan is **fully implemented and available at the construction site at all times**.

Please read carefully the permit which details the terms and conditions of this authorization. Conservation District staff and/or representatives of the Department of Environmental Protection may inspect this earth disturbance activity to determine compliance with applicable permit requirements, Chapter 92, 101 and 102 Rules and Regulations and The Clean Streams Law.

Permit requirements and federal regulations at 40 C.F.R. ~122.21 (b) require "...when a facility or activity is owned by one person but is operated by another person, it is the operator's duty to obtain a permit". Please be advised that once an Operator (contractor) has been selected for the project, the permit must either be transferred to the contractor or the contractor must be made a Co-Permittee. This office must receive this from at least 30 days prior to the co-



permittee/transferee action-taking place.

The Notice of Termination (NOT) form that must be completed and filed with this office within seven working days after earth disturbance activities have ceased and final stabilization has been achieved. The NOT is a permit requirement, as well as a regulatory requirement under Pa. Code Chapter 102 Section 102.7. The Co-Permittee and Notice of Termination forms can be found on the District's or DEP's website

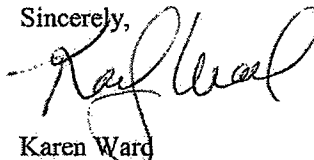
This authorization does not relieve the applicant from applying for and obtaining any and all additional permits or approvals from local, state or federal agencies for the construction activity described in the Notice of Intent. District approval letters are valid for the duration of the project construction if no changes are made to the approved E & S plans. For projects that have not commenced earth disturbance activities, the E & S plan approval expires 5 years from the date of the District's approval letter.

This office must be notified by telephone or by mail at least seven working days prior to the start of earth disturbance activities. **A pre-construction conference is required prior to start of construction.**

Please notify the York County Conservation District **seven days prior to start and finish of construction.**

If you have any questions regarding this authorization, please contact me at 717-840-7430.

Sincerely,



Karen Ward  
Engineering Technician II

Enclosures (to applicant)- Approved E & S plan drawings and narrative  
PCSM plan drawing and narrative  
NPDES permit cover sheet and conditions

cc: Robert A. Fox, P.E. with Site Design Concepts, Inc.  
West Manchester Township  
SCDEP  
File saw





**APPROVAL OF COVERAGE UNDER THE GENERAL NPDES  
PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH  
CONSTRUCTION ACTIVITIES  
PAG-02 (2012 Amendment)**

**NPDES PERMIT NO: PAG-02 -0067-13-010**

**Project Name & Address**

West Manchester Mall

U. S. Route 30 & Carlisle Road (SR 0074)

York, Pa. 17408

**Permittee Name & Address**

Manchester Mall Associates, LLC

12770 Coit Road, Suite 810

Dallas, Tx. 75251

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*, the Department of Environmental Protection hereby approves the Notice of Intent (NOI) submitted for coverage to discharge stormwater from an **earth disturbance activity that involves equal to or greater than one acre of earth disturbance on any portion, part, or during any stage of, a larger common plan of development or sale that involves equal to or greater than one acre of earth disturbance**, to the following surface water(s) of this Commonwealth:

UNT Willis Run/WWF

subject to the Department's enclosed PAG-02 which incorporates all effluent limitations, monitoring and reporting requirements, and other terms, conditions, criteria, and special requirements for the discharge of stormwater composed entirely of stormwater associated, in whole or in part, with construction activity, as defined in this general permit, to surface waters of this Commonwealth, including through municipal separate storm sewers and nonmunicipal separate storm sewers. Authorization to discharge is subject to the implementation of the plans and additional associated information submitted as part of the NOI.

**APPROVAL TO DISCHARGE IN ACCORDANCE WITH THE TERMS AND CONDITIONS HEREIN MAY COMMENCE ON THE DATE OF THE APPROVAL OF COVERAGE, AND IS VALID FOR A PERIOD OF FIVE YEARS WHEN CONDUCTED PURSUANT TO THE TERMS AND CONDITIONS OF THE APPLICABLE PERMIT. COVERAGE MAY BE EXTENDED BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT IF A TIMELY ADMINISTRATIVELY COMPLETE AND ACCEPTABLE NOI RENEWAL IS SUBMITTED TO THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT AT LEAST 180 DAYS PRIOR TO DATE OF COVERAGE TERMINATION. THE PERMIT MAY BE TERMINATED PRIOR TO THE EXPIRATION DATE UPON RECEIPT AND ACKNOWLEDGEMENT OF A NOTICE OF TERMINATION FORM AND APPROVAL BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. NO CONDITION OF THIS PERMIT SHALL RELEASE THE PERMITTEE OR CO-PERMITTEE FROM ANY RESPONSIBILITY OR REQUIREMENT UNDER PENNSYLVANIA, OR FEDERAL ENVIRONMENTAL STATUTES, REGULATIONS, OR LOCAL ORDINANCES.**

COVERAGE APPROVAL DATE: 05/01/13

COVERAGE EXPIRATION DATE: 05/01/18

AUTHORIZED BY: Karen Ward

TITLE: Engineering Technician II



## EARTH DISTURBANCE INSPECTION REPORT

Project Name WY Ind Park Regional SWM Basin Inspection Date 9/12/13 Inspection Time 11:15 - 12:15  
 Weather Conditions 83 degrees, sunny Total Project Area 4.7 acres  
 Location Off Zarfoss Drive Total Disturbed Area 1.85 acres  
 Municipality West Manchester Township County York  
 Receiving Water(s) UNT to Codorus Creek Designated/Existing Use WWF

<b>Responsible Party(s)</b> <u>Tim Fulton</u> (name & address) <u>Susquehanna Real Estate, LP</u> <u>140 East Market Street</u> <u>York, PA 17401-1219</u>	<u>Alan C. Nelson</u> <u>Rholan LLC</u> <u>349 Florin Avenue</u> <u>Mount Joy, PA 17552-2111</u>
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<b>Site Representative</b> <u>Tim Debes, Nutec</u> (title) <u>Alan Nelson, Rholan</u>	<b>Inspector (name)</b> <u>Karen Ward</u> (title) <u>Engineering Technician</u>
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**Type of Inspection** (check only one) **Photographs Taken** ☒ Yes ☐ No  
 Routine Complete ☐ Routine Partial ☐ Follow-up ☐ Complaint ☐ Final ☒

**Site Description & Observations:**
**Violations**

1) Final inspection to follow up Report 2 dated 05/23/13

2) All areas of earth disturbance are stabilized with a "uniform 70% perennial vegetative cover." basin and berms were recently mowed.

☐ Continued on page 3 of \_\_\_\_\_

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Erosion & Sediment Control Plan required	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written Post Construction Stormwater Management Plan required	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Erosion & Sediment Control Plan requested	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Post Construction Stormwater Management Plan Requested	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E & S Control Permit required	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NPDES Permit required	
		<input type="checkbox"/> Phased Constr. <input checked="" type="checkbox"/> Non-Phased Constr.	
Permit #: <u>PAG02-0067-12-044</u>		Exp. Date: <u>11/1/14</u>	
		<input type="checkbox"/> Pub. Road Constr./Maint. (PRC) <input type="checkbox"/> Res. Subdivision (RSBD)  <input type="checkbox"/> Govmt. Facilities (GOV) <input type="checkbox"/> Utilities Facilities (UTL)  <input type="checkbox"/> Sewer/Water Systems (SWS) <input checked="" type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Other _____ <input type="checkbox"/> Pvt Road/Residence (PRRS) <input type="checkbox"/> Comm./Indust. Dev. (CMIN)  <input type="checkbox"/> Recreation Facilities (RECF) <input type="checkbox"/> Agricul. Activities (AGA)  <input type="checkbox"/> Oil/Gas Development (OGD) <input type="checkbox"/> Silviculture (SILV)



## EARTH DISTURBANCE INSPECTION REPORT

Project Name WY Ind Park Regional SWM Basin Inspection Date 9/12/13 Inspection Time 11:15 - 12:15

### Inspection Findings (check as many as appropriate)

### Reference

- |  |                                     |           |
|--|-------------------------------------|-----------|
| 1. No violations observed at this time:  | <input checked="" type="checkbox"/> | (N/A)     |
| 2. Failure to (check all that apply):  |                                     |           |
| a. develop a written Erosion and Sediment Control Plan:  | <input type="checkbox"/>            | (102.4)   |
| b. have an Erosion and Sediment Control Plan available on site:  | <input type="checkbox"/>            | (102.4)   |
| c. submit Erosion and Sediment Control Plan as requested:  | <input type="checkbox"/>            | (102.4)   |
| d. implement effective Best Management Practices:  | <input type="checkbox"/>            | (102.4)   |
| e. maintain effective Best Management Practices:   | <input type="checkbox"/>            | (102.4)   |
| f. use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters: | <input type="checkbox"/>            | (102.4)   |
| g. obtain an NPDES Permit for Stormwater Discharges Associated With a Construction Activity:   | <input type="checkbox"/>            | (102.5)   |
| h. obtain an E&S permit:   | <input type="checkbox"/>            | (102.5)   |
| i. prepare and implement a PPC plan:   | <input type="checkbox"/>            | (102.5)   |
| j. submit Notice of Termination:   | <input type="checkbox"/>            | (102.7)   |
| k. develop written Post Construction Stormwater Management (PCSM) Plan:  | <input type="checkbox"/>            | (102.8)   |
| l. have PCSM Plan available onsite:  | <input type="checkbox"/>            | (102.8)   |
| m. submit Post Construction Stormwater Management Plan as requested:   | <input type="checkbox"/>            | (102.8)   |
| n. implement effective PCSM BMPs:  | <input type="checkbox"/>            | (102.8)   |
| o. maintain effective PCSM BMPs:   | <input type="checkbox"/>            | (102.8)   |
| p. perform reporting and recordkeeping as required:  | <input type="checkbox"/>            | (102.8)   |
| q. implement riparian buffer or riparian forest buffer:  | <input type="checkbox"/>            | (102.8)   |
| r. meet regulatory requirements for riparian forest buffer:  | <input type="checkbox"/>            | (102.14)  |
| s. provide temporary stabilization of earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| t. provide permanent stabilization of the earth disturbance site:  | <input type="checkbox"/>            | (102.22)  |
| u. comply with permit conditions:  | <input type="checkbox"/>            | (402 CSL) |
| 3. Sediment or other pollutant was discharged into waters of the Commonwealth:   | <input type="checkbox"/>            | (401 CSL) |
| 4. Site conditions present a potential for pollution to waters of the Commonwealth:  | <input type="checkbox"/>            | (402 CSL) |
| 5. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 6. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 7. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 8. Other (describe): _____   | <input type="checkbox"/>            | _____     |
| 9. Other (describe): _____   | <input type="checkbox"/>            | _____     |

☐ Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92 and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.

***Additional information regarding these violations can be found on the back of this page.***



## EARTH DISTURBANCE INSPECTION REPORT

Project Name WY Ind Park Regional SWM Basin Inspection Date 9/12/13 Inspection Time 11:15 - 12:15  
Continuation Sheet  
Site Description & Observations Violations

Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures

1) No violations observed at this site visit. May submit NOT (Notice of Termination) for NPDES Permit. Also discussed the possibility of extending permit coverage with a major modification to include activity in the west end of the basin area to be determined prior to permit expiration on 11/01/2014.

Continued on page \_\_\_\_\_ of \_\_\_\_\_

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

\_\_\_\_\_  
(Signature of Site Representative)

\_\_\_\_\_  
(Date)

  
(Inspector's Signature)

9/12/2013  
(Date)

The Site Representatives' signature acknowledges that they have read the report and received a copy and that they were given an opportunity to discuss it with the inspector. The signature does not necessarily mean the signee agrees with the report.

## 2001

T-632 – Keith Shearer - Final Land Development Plan – Tax Map HG, Parcel 48 – Drainage Basin

## 2003 Plans That Were Submitted

T-654 Keith Shearer – Bairs Road Final Subdivision Plan 605 & 625 Bairs Road – Fee in Lieu of

T-655 Keith Shearer – Graybill Road Final Subdivision Plan 4995 & 4999 Graybill Road – Fee in lieu of

T-656 W. Lee & Barbara Woodmansee – Final Subdivision Plan – SW Waived

T-657 Joseph C. Stump – Final Subdivision Plan – 945 Stoverstown Road - Fee in lieu of

T-658 Bailey Leasing, Inc. – Final Land Development Plan – SW Waived

T-659 S.E.L. Properties – Final Subdivision Plan – Joined 5 parcels together for Sheetz

T-660 Sheetz Convenience Store – Final Land Development Plan – 4025 W. Market St. – SW Basin

T-661 Heather Laugerman – Final Subdivision Plan - Waived

T-662 Marbrooke Lot 107 Final Resubdivision Plan – Part of Derry Run SW Management Facility

T-663 Douglas A. & Monica Ann Dallmeyer – Final Subdivision Plan - SW Waived

T-664 New Medical Office Building, Kenneth Road – Final Subdivision Plan – 1975 Kenneth Road - Basin

T-665 Wellington Greens, Phase 3 – Final Subdivision Plan – Improved the stream

T-666 Millwrights & Mechanical Services, Inc. – Final Land Development Plan – Maintenance & SWM Basin no infiltration

T-667 Eyes of York – Proposed Land Development Plan – 1880 Kenneth Road - 2 SWM Basins w/infiltration, O & M Agreement on file

T-668 E.M.B. & Sons, Inc. - Final Land Development Plan – Waived – No increase in impervious surface

T-669 Penn's Preserve - Preliminary Subdivision and Land Development Plans - 2 Drainage Basins w/fence

T-670 Your Auto Source – Final Land Development Plan – 2249 Bannister Street - Infiltration Trench 155' x 8'

T-671 Caraustar Corporation - Final Land Development Plan – SW Waived

T-672 Smokey Bones Barbeque & Grill – Land Development Plan – SW Easement

T-673 Smyser Property Section A – Preliminary Subdivision Plan - Renamed Woodberry Point



T-674 Smyser Property Section D – Preliminary Subdivision Plan - Renamed Woodberry Point

T- 675 Delco Centre Improvements – Proposed Subdivision Plan 1201 Carlisle Road – Drainage Basin

T-676 Delco Centre Improvements – Proposed Land Development Plan – Drainage Basin

#### 2004

T-677 Grace M. Schrum, 2030 Derry Road, Final Subdivision Plan – SW Waived

T-678 Verizon Wireless – Final Subdivision and Land Development Plan – 1100 Bairs Road - Waived

T-679 Carlisle Commerce Center, Lot 7B – Subdivision Plan – SW Waived

T-680 Apple Auto Park – Proposed Facility – Final Land Development Plan - Drainage Basin in City of York

T-681 Michael L. & Patti J. Wherley – Final Land Development Plan – 1201 Greenwood Road  
12' x 12' Infiltration Structure

T-682 Proposed Ruby Tuesday Restaurant, 1401 Kenneth Road – Final Land Development Plan -  
Redevelopment

T-683 Golden Tract West, Lots 55, 56, and 57, Revised Final Subdivision Plan - SW Waived

T-684 Visual Impact Productions, Inc., Kenneth Road – Final Land Development Plan  
1915 Kenneth Road - Did not develop the property.

T-685 Iron Bridge Landing (formerly Quail Meadows) – Final Subdivision & Phase I Final Land  
Development Plan - SW Detention Basins

T-686 Quail Meadows (Iron Bridge Landing) – Revised Preliminary Subdivision Plan & Land  
Development Plan - SW Detention Basins

T-687 Proposed Car Wash at existing Rutter's Farm Store #60 – Final Land Development Plan (6/8/04)  
Drainage Basin

T-688 Proposed Branch Office Members 1<sup>st</sup> Federal Credit Union – Final Land Development Plan – SW  
Waived

T-689 Dennis J. & Beverly A. Wood – Final Subdivision Plan - 75 Alwine Ave. – SW Waived

T-690 Your Auto Source – Final Subdivision and Land Development Plan Infiltration Trench 155' x 8'

T-691 Keith Shearer – Final Subdivision Plan – Bairs Road Site 605, 625 & 645 Bairs Road – Fee in  
Lieu of

T-692 Penn's Preserve - Subdivision Plan for Linkous Family Homes - Drainage Basin

T-693 York Crossing – Preliminary/Final Land Development Plan - SW Waived

T-694 Thistle Downs, Phase 3 – Final Subdivision Plan - Drainage Basin

T-695 Thistle Downs, Phase 4 – Final Subdivision Plan - Drainage Basin

T-696 Woodberry Point Tract A (along Trinity Road) – Final Subdivision Plan - Drainage Basin

T-697 Woodberry Point Tract D (along Woodberry Road) – Final Subdivision Plan - Drainage Basin

T-698 Woodberry Point Tract C – Preliminary Subdivision Plan WITHDRAWN

T-699 Marc W. & Danelle L. Goodwin – Final Subdivision Plan - WITHDRAWN

T-700 Golden Tract West, Lots 56 and 57 – Revised Final Subdivision Plan – SW on original plan

T-701 York Railway Company Lincoln Yard – Final Land Development Plan – SW Detention Pond

T-702 Joseph & Glendora Stump – Final Subdivision Plan – Subdivision only – no bldg. permits w/o land development plan

T-703 Delco Centre – Preliminary and Final Subdivision Plan – Drainage Basin

T-704 Delco Centre - Final Land Development Plan – Drainage Basin

T-705 Weaver Eye Associates – Final Land Development Plan – SW Waived

## 2005

T-706 Shiloh Fire Company - Final Land Development Plan – SW Waived

T-707 Weis Markets, Inc., Store No. 43 - Final Land Development Plan – SW Waived (no new impervious)

T-708 Shiloh U.C.C. Building Expansion, Final Subdivision Plan – Underground Tech System

T-709 Shiloh American Legion – Final Land Development Plan - Basin

T-710 Wellington Greens – Phase 4 - Final Subdivision Plan -

T-711 Iron Bridge Landing, Phases II & III – Final Subdivision Plan & Final Land Development Plan

T-712 Malz Properties, LLC, 4595 Wolfs Church Road – Final Subdivision Plan – SW Waived

T-713 County of York, District Court Office 19-2-03 – Final Land Development Plan – SW Waived

T-714 Arnold Trucking, Inc. - Final Land Development Plan – SW Waived

T-715 JVRR Associates, LLC, 4595 – Final Subdivision Plan – SW Waived

T-716 Logan's Roadhouse – Preliminary and Final Land Development Plan – Detention Pond

T-717 Penntown Properties - Sketch Plan

T-718 Dressel Welding Supply Inc. – Final Land Development Plan – SW Waived

T-719 Martin D. & Joann M. Wagner –2301 Bannister Street - Final Subdivision Plan – SW Waived

T-720 Dialysis Corporation of America Medical Facility – Final Land Development Plan – Drainage Basin

T-721 Heidler Roofing – Preliminary/Final Land Development Plan - 2120 Alpha Drive – Drainage Basin

T-722 Greg Kinard – Preliminary/Final Subdivision Plan - SW Waived

## 2006

T-723 Keith Shearer, Stoverstown Road – Final Subdivision Plan - SW Waived

T-724 Cycle Center of York, Inc. (Lots 1 & 2) and Ralph J. & Katherine R. Brett –  
Final Subdivision Plan) (**Tabled by Applicant**)

T-725 Kensington Manor - Final Subdivision Plan – Conditional approval only – Seepage pits on each property

T-726 Kensington Manor - Preliminary Subdivision Plan – Conditional approval only– Seepage pits on each property

T-727 Threefold Janitorial Services, Inc.- Final Land Development Plan – Seepage Pit

T-728 Orchard Hills Real Estate – Final Reverse Subdivision Plan

T-729 J. Z. Real Estate Holdings Final Subdivision Tabled by Applicant

T-730 J. Z. Real Estate Holding Final Land Development Plan Tabled by Applicant

T- 731 HP Hood LLC – Final Subdivision Plan – SW Waived

T-732 Kensington Manor – Final Subdivision Plan– Seepage pits on each property

T- 733 West Manchester Corporate Center – Preliminary/Final Land Development Plan **Tabled by Applicant**

T-734 Calvary Baptist Church & Frederick & Martine Barton – Final Reverse Subdivision Plan – SW Waived

T-735 Little Creek (Revised Lots) – Final Subdivision Plan - Ex. SWM

T-736 State Farm Building Expansion – Land Development Plan – SW Waived

## 2007

T-737 TemTco Steel – Land Development Plan – Infiltration Pit

T-738 J & M Developers – Preliminary Subdivision Plan Tabled by Applicant

T-739 Hawk Lake Golf Club – Preliminary Subdivision Plan - no SWM

T-740 Fred Barton, Lots 42, 43 & 129 – Final Subdivision Plan - no new SWM

T-741 York Propane Terminal – Final Land Development Plan - 2 Bioretention Areas

T-742 BAE Systems – Preliminary/Final Land Development Plan - no SWM – fee in lieu of

T-743 Estate of Lloyd L. Baer – Preliminary/Final Subdivision Plan - SW Waived

T-744 Weldon Solutions – Land Development Plan - Low Flow Channel Seepage Pits

T-745 Suburban Propane – Final Subdivision Plan – SWM Waived

T-746 York Propane Terminal – Final Land Development Plan – 2 Bioretention Areas

T-747 Leo Rutter – Final Subdivision Plan - Plan Withdrawn

T- 748 Paul W. & Joyce A. Gilbert – Final Subdivision Plan – No SWM

T-749 Church of the Open Door – Final Land Development Plan – SW Basin with Infiltration Trench

T-751 Carl E. Baldwin – Preliminary Subdivision Plan – Plan Denied

T-752 Donald Bricker – Land Development Plan – Existing SW Basin

## 2008

T-753 Glenlyn Enterprises – Final Land Development Plan – Water Quality Swales to Wetlands

T-754 Keith Shearer – Final Subdivision Plan – 760 & 770 Stoverstown Road – SW Waived

T-755 1149 Stewart Street – Final Land Development Plan – Infiltration Trenches

T-756 Leiphart Property – Preliminary Subdivision Plan – Seepage Beds

T-757 Fred Barton – Final Subdivision Plan - Lots 43 & 129 - No new SWM, existing

T-758 York Crossing – Preliminary/ Final Plan – Storm Sewers Extended to existing SW System

T-759 Leiphart Property – Final Subdivision Plan – Seepage Beds

T-760 West Manchester Towne Center - Preliminary Subdivision & Land Development Plan – Forebay,  
2 Basins, and Infiltration Area

T-761 Greenmount Cemetery - Final Subdivision Plan – No SWM

T-762 Paul W. & Joyce A. Gilbert - Final Subdivision Plan – No SWM

T-763 West Manchester Business Campus, LLC. Final Land Development Plan – Underground  
Stormwater Tank

T-764 Voith Siemens Hydro Power Generation Proposed Warehouse Buildings – No SWM

T-765 Roosevelt Quarry - Final Subdivision Plan – No SWM

T-766 Normandie Ridge – Preliminary Subdivision and Land Development Plan – Subsurface Infiltration  
Bed, 3 Stormwater Basins

T-767 Fred Barton – Lots 43A & 129 Final Reverse Subdivision Plan - No SWM, existing

## 2010

T-768 Country Meadows Associates – Final Land Development Plan – Extend Existing Storm Sewers,  
to Existing Basin

T-769 Country Comfort – Final Land Development Plan – Infiltration Bed

T-770 Gregory & Rose Marie Moul – Final Subdivision Plan/Consolidation Plan - No SWM

## 2011

T-771 Konchar Properties L.P. – Final Reverse Subdivision & Land Development Plan - No SWM

T-772 Sheetz Convenience Store – Final Land Development Plan - Plans Withdrawn

T-773 Next 5, LLC – Final Land Development Plan 4 Rain Gardens, Detention Sediment Forebay, Basin

T-774 Integrity Bank – Preliminary/Final Subdivision Plan - No SWM

T-775 Integrity Bank – Preliminary/Final Land Development Plan - No SWM

## 2012

T-776 Joyce A. Gilbert Revocable Trust - Final Subdivision Plan - No SWM

T-777 Dairy Queen – Preliminary/Final Land Development Plan – Bioretention Area

T-778 York Rail – Final Land Development Plan – 2 Bioretention Areas, Stormwater Basin

T-779 Evelyn Handley – Final Subdivision Plan - No SWM

T-780 Little Caesars at York Crossings – Revised Final Land Development Plan - - No SWM

T-781 White Street Associates, LLC & Hoss's Restaurant Operations, Inc. – Subdivision Plan - No SWM

T-782 525 Manchester Court – Final Land Development Plan – SW Waived (Ex. Basin)

### 2013

T-783 Brewery Products – Final Land Development Plan - Rain Garden, Basin with Soil Amendment

T-784 WYASD – Final Subdivision Plan – No Stormwater Management

T-785 Polli Enterprise – Final Land Development Plan – Reduction in impervious area

T-786 Wallace Elementary School – Final Land Development Plan – 2 Infiltration Basins

T-787 1600 Colony Rd. – Final Land Development Plan -2 Rain Gardens, 2 Basins with Soil Amendment

T-789 Integrity Bank – Final Land Development Plan -4 Infiltration Basins

T-790 581 Manchester Court – Final Land Development Plan – Seepage Pit, Impervious Pavement

T-791 West Manchester Mall – Final Land Development Plan – No Stormwater Management, Existing

T-792 Shaffie Murr Pemberton – Final Subdivision Plan – No Stormwater Management

### 2014

T-793 WYHS – Final Land Development Plan – 2 Subsurface Infiltration Basins.

T-794 Dollar General – Final Land Development Plan – 2 Infiltration Basins

## **MCM #6 – POLLUTION PREVENTION/GOOD HOUSEKEEPING**

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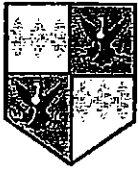
**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Landscaping and Lawn Care**

<b>Goal</b>	Reduce chemical runoff to natural water courses.
<b>Township Operations</b>	The Township goes out to bid annually for mowing and fertilizing of its fourteen (14) municipal owned parks. During 2012 the contract was awarded to Tee to Green. The Township Parks and Recreation foreman conducts weed control spraying at the Township parks and along some road sides throughout the Township. The foreman is licensed to use herbicides and uses them in accordance with PA regulatory requirements. He is required to attend continuing education classes in order to maintain his license. Road and sewer rights-of-way are mowed two to three times per year. Municipal owned land is not watered or irrigated.
<b>BMPs</b>	Contractors should be encouraged to use slow release or naturally derived (organic) fertilizers.  Leave grass clippings on lawn, or mulch clippings into lawn. If it is necessary to water landscaping, drip irrigation techniques should be employed and watering should be conducted in the morning. Protect and preserve open space buffer areas and instruct maintenance personnel to establish no-mow zones to allow trees and shrubs to reclaim disturbed stream banks. All new trees should be planted away from sewer lines or other underground utilities.
<b>Inspection Procedures</b>	Routinely monitor lawns to identify problems during the early stages. Identify nutrient/water needs of plants, inspect for problems by testing soils.
<b>Maintenance Procedures</b>	Minimize/eliminate fertilizer application. Leave grass clippings on lawn, or mulch clippings into lawn. Limit watering as necessary to supplement rainwater (1 inch/week is adequate) Mow with sharpened blades set high (3 inches) - remove only the top 1/3 of the leaves. Water plants in the early a.m.
<b>Measurable Goal</b>	Document stream bank areas that have been allowed to revert to a more natural state.





**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Spill Response and Prevention**

Goal	Limit potential for spills and be prepared for clean up response.
Township Operations	The Township keeps all materials properly stored and labeled and uses secondary containment systems where appropriate.
BMPs	Keep all materials properly stored in closed, labeled containment systems. Use secondary containment systems where appropriate. Keep spill recovery materials available for immediate response to a spill.
Inspection Procedures	Inspect secondary containment systems, oil/water separators periodically. Inspect containers for leaks, areas near storm inlets and outlets, floor drains for indications of spills.
Maintenance Procedures	Use reusable spill clean up materials (sponge mops, oil absorbent pads, etc.). Pump out oil water separators as needed. Protect drains with oil absorbent materials. Clean out receivers on regular schedule. Remove spilled salt from salt loading area.
Measurable Goal	Document inspections and any spill incidents and actions taken to clean up.



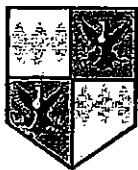
**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Pest Control**

**BMPs**

The Township contracts out for its pesticide control needs.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Pet Waste Collection**

Goal	Reduce potential impacts to receiving waters from improper pet waste disposal practices.
Township Operations	Dogs are permitted at three of the Township owned parks. "Dog Regulations" are posted at each of the three parks which includes the requirement to clean up after pets. All other Township owned parks are closed to pets.
BMPs	Circulate educational material regarding the importance of cleaning up pet wastes. Maintain signs at parks to either prohibit pets or where pets are permitted to instruct owners to clean up after their pets.
Measurable Goal	Document the number of pet waste leaflets circulated during the reporting period.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Vehicle/Equipment Maintenance**

Goal	Reduce wash off of pollutants from vehicle/equipment maintenance areas.
Township Operations	The Township conducts all vehicle/equipment maintenance work indoors. If work must be performed outside, measures are employed to guard against spillage of materials. All spilled materials are cleaned up immediately using "dry" methods. All vehicle fueling is done off-site at commercial fuel pumps. Wastes are recycled or disposed of in accordance with environmental regulations.
BMPs	Conduct maintenance work indoors - if work must be performed outside, guard against spillage of materials that could discharge to storm receivers. Seal floor drains that discharge directly to the environment, if possible Initiate single purpose use of vehicle bays - dedicate one (or more) bays that have no (or sealed) floor drains for repairs/maintenance. Clean spilled materials immediately, using "dry" methods. Never leave vehicles unattended while refueling. Identify appropriate recycling/disposal options for wastes.
Inspection Procedures	Inspect (for maintenance purposes) floor drain systems, oil/water separators. Monitor "parked" vehicles/equipment for leaks.
Maintenance Procedures	Maintain a clean work area - remove contaminants from floors, drains, catch basins, using "dry" methods. Use non-hazardous cleaners. Use non chlorinated solvents instead of chlorinated solvents. Repair or replace any leaking containers. Use steam cleaning/pressure washing instead of solvent for parts cleaning. Store waste fluids in properly capped, labeled storage containers. Store batteries in leak-proof, compatible (i.e., non reactive) containers. Rinse grass from lawn care equipment on permeable (grassed) areas. Protect against pollution if outside maintenance is necessary (cover storm receivers, use secondary containment vessels, etc.).
Measurable Goal	Document maintenance site inspections and spill responses.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Vehicle/Equipment Washing**

<b>Goal</b>	Eliminate nutrient and other pollutant containing discharge to receiving waters.
<b>Township Operations</b>	The Township conducts all vehicle washing outside where runoff can sheet flow across vegetated areas to a detention basin. All hoses are equipped with automatic shutoff devices and spray nozzles. The shop is equipped with a trough which collects runoff and discharges to the sanitary sewer.
<b>BMPs</b>	Initiate single purpose use of vehicle bays - dedicate only one bay for washing (with floor drain system). Perform cleaning with pressurized cold water, without the use of soaps, if wastewaters will flow to a storm sewer system. Use minimal amounts of biodegradable soaps only if wastewaters will discharge to a sanitary sewer system. Rinse with hoses that are equipped with automatic shutoff devices and spray nozzles. Steam clean (without soap) where wastes can be captured for proper disposal (i.e., oil/water separator).
<b>Inspection Procedures</b>	Inspect floor drain systems regularly - use only those that discharge to a sanitary sewer, identify the need for cleaning of catch basins, oil/water separators.
<b>Maintenance Procedures</b>	Map storm drain locations accurately to avoid illegal discharges. Perform steam cleaning or pressure washing where wastes can be captured for proper disposal. Take precautions against excess use of/spillage of detergents.
<b>Measurable Goal</b>	Document inspections and any actions taken.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Roadway and Bridge Maintenance**

<b>Goal</b>	Reduce impacts to receiving waters from road salt components, hydrocarbons, particulates such as dry paint or abrasive compounds and road debris.
<b>Township Operations</b>	The Township is responsible for maintaining approximately 92 miles of road. Paving operations are only carried out in dry weather. Fluid leaks or spills from paving equipment/materials are cleaned up immediately.
<b>BMPs</b>	<p>Incorporate preventive maintenance and planning for regular operations and maintenance activities.</p> <p>Pave in dry weather only.</p> <p>Stage road operations and maintenance activity (patching, potholes) to reduce spillage. Cover catch basins and manholes during this activity.</p> <p>Clean up fluid leaks or spills from paving equipment/materials immediately.</p> <p>Restrict the use of herbicides/pesticide application to roadside vegetation.</p> <p>Use porous asphalt for pothole repair and shoulder work.</p> <p>Sweep and vacuum paved roads and shoulders to remove debris and particulate matter.</p> <p>Maintain roadside vegetation; select vegetation with a high tolerance to road salt.</p> <p>Clean out bridge scuppers and catch basins regularly.</p> <p>Direct water from bridge scuppers to vegetated areas.</p> <p>Mechanically remove (i.e., sweep) debris from bridge deck and structure prior to washing.</p>
<b>Inspection Procedures</b>	<p>Inspect paving, sweeping, vacuuming, and all other maintenance vehicles/equipment as appropriate.</p> <p>Inspect roads and bridges for implementation of applicable BMP's.</p>
<b>Maintenance Procedures</b>	<p>Clean bridge scuppers routinely and keep free of debris.</p> <p>Direct runoff water from bridges to vegetated areas.</p> <p>Install catch basins in place of bridge scuppers.</p> <p>Repair leaking/defective containers or equipment on paving equipment.</p>
<b>Measurable Goal</b>	Document inspections and any actions taken.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Alternative Discharge Options for Chlorinated Water**

The Township does not own or operate any pools.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Hazardous and Waste Materials Management**

Goal	Reduce and/or eliminate impacts to receiving waters from lube oils; coatings and their compatible solvents (paints, thinners, etc.); anti freeze; cleaning agents; fuels (gas, diesel, kerosene).
Township Operations	All materials are stored in closed, labeled containers. "First in/first out" management of materials is employed. Secondary containment devices are used where appropriate. All oil is recycled. Other materials are recycled if possible and otherwise disposed of in accordance with environmental regulations.
BMPs	<p>Ensure that all materials are stored in closed, labeled containers. If stored outside, drums should be placed on pallets, away from storm receivers. Inside storage areas should be located away from floor drains.</p> <p>Eliminate floor drain systems that discharge to storm drains, if possible.</p> <p>Use a pretreatment system to remove contaminants prior to discharge.</p> <p>Reduce stock of materials "on hand". Use "first in/first out" management technique.</p> <p>Use the least toxic materials (i.e., non hazardous) to perform the work.</p> <p>Install/use secondary containment devices where appropriate.</p> <p>Eliminate wastes by reincorporating coating/solvent mixtures into the original coating material for reuse.</p> <p>Recycle materials if possible, or ensure proper disposal of wastes.</p>
Inspection Procedures	<p>Physical on-site verification of sealed floor drains (or redirected to sanitary sewer).</p> <p>Regular inspection of material storage areas (inside and outside).</p> <p>Regular inspection and cleaning of oil/water separators by qualified contractor.</p> <p>Inspect stormwater discharge locations regularly (for contaminants, soil staining, plugged discharge lines).</p>
Measurable Goal	Document inspections and any actions taken.



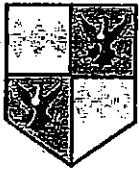


**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Operational By-Products/Wastes**

Goal	Eliminate illegal dumping.
Township Operations	"No Dumping" signs are posted where appropriate in the Township. By-products/wastes are identified for recycling. "Illegally dumped" materials are cleaned up and disposed of in accordance with environmental regulations.
BMPs	Post "no dumping" signs. Illuminate area if possible. Prevent access. Erect barriers. Identify the by products/wastes that should be recycled (i.e., paper, cardboard).
Inspection Procedures	Conduct regularly scheduled inspections for maintenance concerns Unscheduled patrolling of areas by police.
Maintenance Procedures	Clean up and dispose of "illegally dumped" materials, trash/debris in accordance with environmental regulations. Cut and remove vegetation.
Measurable Goal	Document inspections and any actions taken.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Catch Basin and Storm Drain System Cleaning**

Goal	Reduce sediment loading to receiving waters.
Township Operations	All Township owned inlets, ditches and outfalls are cleaned as needed and prior to and/or just after large storm events for the purpose of removing any accumulated debris and sediment. The Township has an inlet replacement program to replace block and mortar type inlets with precast inlets. Inlets are replaced as they are identified for repair or a complaint is received.
BMPs	Repair/replace catch basin and grates as necessary. Clean catch basins, ditches and outfalls on regular basis and as necessary.
Inspection Procedures	Prioritize storm drain system and catch basins for routine maintenance. Clean catch basins when depth of deposits are > 1/3 the depth from the bottom of the basin to the invert of the lowest pipe/opening into or out of basin. Clean ditches to maintain hydraulic capacity by removing accumulated sediment and debris. Inspect stormwater conveyance facilities immediately following heavy storms to identify any issues and to remove any blockages.
Maintenance Procedures	Catch basins/storm sewer pipe - clean in spring to remove sand/grit/salt from winter road maintenance. Clean in fall to remove leaves/silt/debris. Established ditch: -Maintain proper slope -Maintain vegetation -Remove obstacles/debris (i.e., trash, tree branches, brush, cut vegetation). -Excavation/ditch scraping - if necessary, use devices (i.e., hay bales, silt fence) to capture sediment prior to stormwater discharge into receiving waters, reseed ditch. -Properly dispose of collected debris.
Measurable Goal	Document inspections and any actions taken.

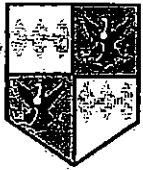


**WEST MANCHESTER TOWNSHIP**  
**YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Street Cleaning and Maintenance**

Township Operations	The Township maintains approximately 92 miles of road. Street sweeping/vacuuming is conducted by the Public Works Department annually in the spring. Paving operations are conducted only during dry weather. Leaf collection is conducted by the Public Works Department in the fall. Collected materials are hauled to a composting facility, H&H General Excavating, for recycling. Brush/yard waste is collected eight times throughout the year by Penn Waste. The collected wastes are recycled.
BMPs	Street sweep/vacuum at regular intervals, and "as needed". Perform operations such as paving in dry weather only. Prior to road reconstruction, consider/evaluate the use of "shouldered roads" instead of "curbed roads". Maintain roadside vegetation; select plants/trees that can withstand the action of road salt. Direct runoff to these areas.
Inspection Procedures	Inspect streets, and plan (as needed) for maintenance/repairs. Prioritize - some streets (i.e., those with high traffic flows, on flat grades, or with many trees) may need more frequent cleaning.
Maintenance Procedures	Spring sweeping/vacuuming - remove salt/sand residues. Fall sweeping, collection of leaves at appropriate time intervals. Dry sweep or vacuum streets during dry weather. Maintain equipment - check for/repair fluid leaks. Stage road operations and maintenance activity (patching, pothole repair) to reduce spillage of materials. Cover catch basins and manholes during activity.
Measurable Goal	Document inspections and any actions taken.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Road Salt Storage and Application**

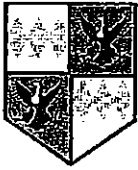
<b>Goal</b>	Reduce salt applications to the minimum amount necessary to maintain public safety. Prevent salt contaminated runoff from reaching local waterways.
<b>Township Operations</b>	The Township pretreats its roads with brine to reduce salt use. Salt and anti-skid is stored on site at the municipal complex in a three-sided and roofed building.
<b>BMPs</b>	<p>Require covered facility for salt storage and size properly for season needs.</p> <p>Store salt on highest ground elevation to allow for infiltration of stormwater.</p> <p>Calibrate salt spreaders for proper application.</p> <p>Consider alternative deicing materials (i.e., calcium chloride, magnesium chloride).</p> <p>Use a wetting agent with salt to minimize "bouncing" during application.</p> <p>Cover salt loading area, or build into storage shed.</p> <p>Unload salt deliveries directly into storage facility, or if not possible, move inside immediately.</p>
<b>Inspection Procedures</b>	<p>Look for physical evidence of problems:</p> <ul style="list-style-type: none"> <li>-inspect salt storage shed for leaks, structural problems</li> <li>-inspect salt piles for proper coverage, tarps for leaks or tears</li> <li>-inspect salt application equipment</li> <li>-inspect salt regularly for lumping or water contamination</li> <li>-inspect surface areas for evidence of runoff - salt stains on ground near and around the salt shelter, loading area, or down slope</li> <li>-inspect for excessive amounts of salt on roads.</li> </ul>
<b>Maintenance Procedures</b>	<p>Service trucks and calibrate spreaders regularly to ensure accurate, efficient distribution of salt.</p> <p>Educate and train operators on hazards of over-salting to roads and environment.</p> <p>Repair salt storage shed - structural problems can lead to salt spillage.</p> <p>Repair/replace tarps.</p>
<b>Measurable Goal</b>	Document inspections and any actions taken.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations  
Road Kill Composting Operations**

The Commonwealth of Pennsylvania is responsible for road kill management.



**WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA**

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Construction and Land Disturbance**

Goal	Limit sediment runoff to receiving waters.
Township Operations	Construction and land clearing activities are planned to limit soil exposure. Sediment control devices are installed prior to soil disturbance. Construction sites are stabilized as soon as practicable to protect against sediment runoff. Storm drains are protected against sediment runoff.
BMPs	Plan the construction and/or land clearing activities so that soil is not exposed for long periods of time. Minimize compaction of soils and impervious cover. Maximize opportunities for infiltration. Install sediment control devices before disturbing soil. Limit grading to small areas. Stabilize site to protect against sediment runoff. Protect against sediment flowing into storm drains. Maintain native vegetation (especially near waterways). Install sediment barriers on slopes or divert stormwater.
Inspection Procedures	Regularly scheduled inspections (of sediment control devices, erosion safeguards). Inspect during storm or snow melt events.
Maintenance Procedures	Check/repair all devices that have been installed to ensure protection against erosion.
Measurable Goal	Document inspections and any actions taken.

PLEASE SIGN AND DATE

x David F Wire June 3, 2013



WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

**Pollution Prevention/Good Housekeeping for Municipal Operations**

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PLEASE SIGN AND DATE

x Tom J. Wilkins 5-24-13



WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

Pollution Prevention/Good Housekeeping for Municipal Operations

Construction and Land Disturbance

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PLEASE SIGN AND DATE

x D. M. M. #611 5/24/13





WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Construction and Land Disturbance**

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Measurable Goal	Document inspections and any actions taken.

PLEASE SIGN AND DATE

x Ched Richter 5-24-13



WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

Pollution Prevention/Good Housekeeping for Municipal Operations

Construction and Land Disturbance

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PLEASE SIGN AND DATE

x Carl R. Ramsdell 5-24-13



WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

10/1/11

**Pollution Prevention/Good Housekeeping for Municipal Operations**

**Construction and Land Disturbance**

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PLEASE SIGN AND DATE

*Dan Emrich* p.d. 5-24-13



WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

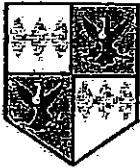
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PLEASE SIGN AND DATE

x Paym S. H. 5-24-13



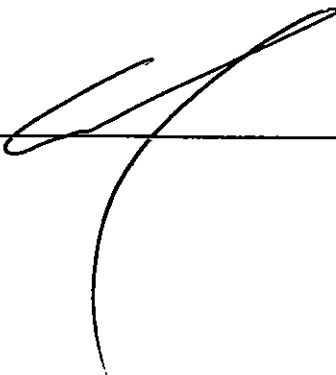
WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

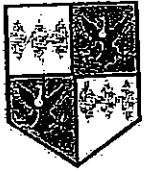
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Measurable Goal	Document inspections and any actions taken.

PLEASE SIGN AND DATE

X  5-28-13



WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

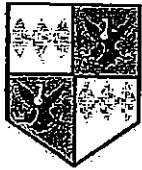
Pollution Prevention/Good Housekeeping for Municipal Operations

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PLEASE SIGN AND DATE

x Matthew J. Miller 5/28/13



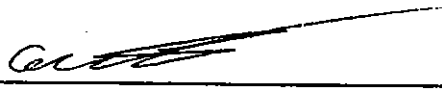
WEST MANCHESTER TOWNSHIP  
YORK COUNTY, PA

Pollution Prevention/Good Housekeeping for Municipal Operations

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Measurable Goal	Document inspections and any actions taken.

PLEASE SIGN AND DATE

X  05/29/2013

## 2013-2014 Good Housekeeping :

5/20/2013 The West Manchester Township Public Works Department replaced 6 inlet tops on Farmstead Way due to existing inlet tops being cracked and or damaged. The inlet tops replaced were located at the following addresses: 2668, 2679, 2680, 2647, 2639, and 2623 Farmstead Way(see pictures).

Zane Williams

6/7/2013 The West Manchester Township Public Works Department noticed numerous clogged inlet tops during rain storm. The township unclogged and cleaned the inlet tops. The inlets were along Opal, Sapphire, S. Emeralds, Topaz, Emerald, Saddleback, Ivy Pump, Sparrow, Dorchester, Audlyin, Derry, South Salem, Zarfoss, Lincoln Way Ct., Margate, Rhonda, and Greenwood Roads (see pictures).

Zane Williams

6/10/2013 The West Manchester Township Public Works Department noticed numerous clogged inlet tops. The township unclogged and cleaned the inlet tops. The inlets were located at or along Kotar Ave to Loucks(3 inlets), Corner of North Dr. at Loucks, Fairfield Ave. to South Dr. (2 inlets), Seneca Dr. to North Dr. ( 4 inlets).

Zane Williams

7/23/2013 The West Manchester Township Public Works Department noticed numerous clogged inlet tops and excessive mud in road and gutter. The township unclogged and cleaned the inlet tops and street swept the area. The inlets were located at or near the intersection of East Berlin Road & W. Philadelphia St. The street sweeper also cleaned a paved stormwater swale along Mason Ave. for dirt and debris. The night before we received approx. 4" of rain in heavy storm.

Zane Williams

8/15/2013 The West Manchester Township Public Works Department noticed several clogged inlets. The township unclogged and cleaned the inlets, removing 2-3' of sediment and garbage from the inlets. The inlets were located at or near the intersection of Zarfoss Dr. & W. Market St. The crew also unclogged and clean the stormwater line between the two inlets.

Zane Williams

4/3/2014 The West Manchester Township Public Works Department noticed a clogged inlet at the corner of Loucks Rd. and Rodney Rd. The Highway department unclogged the 8" slpp line of 250' and cleaned out the inlet of debris.(see pictures).

Zane Williams



4/3/2014 The West Manchester Township Public Works Department noticed numerous clogged inlet tops. The township unclogged and cleaned 22 inlet tops. The inlets were along Loucks, Kotur, North, Trolley, High, Herman, Maple, Crocus, Rt. 74, Log Cabin, Popular, Cypress, and Sycamore Roads. (see picture).

Zane Williams

6/4/2014 1841 & 1861 Wynthurst Court – Resident noticed lawn clippings being blown into street and gutter, notified township. Township left a Nothing but Rain in the Drain Door Hanger, Protecting Water Quality from Urban Runoff Brochure, and The Solution to Stormwater Pollution Brochure notifying property owner of problem and possible fines in the future.

Zane Williams

6/13/2014 The West Manchester Township Public Works Department noticed two clogged inlets. The township unclogged and cleaned 2 inlets at Adams & White St. (see picture).

Zane Williams

6/16/ to 6/18/2014 The West Manchester Township Public Works Department replaced two inlets on North St. (see picture).

Zane Williams

7/1/2014 The West Manchester Township Public Works Department replaced an old brick inlet on Adams St. (see picture).

Zane Williams

7/8/2014 The West Manchester Township Public Works Department spent the day cleaning out clogged inlets after a severe thunderstorm the night before. The township checked all streets in township for clogged inlets.

Zane Williams

7/24 to 7/31/2014 - Carlisle Commerce Center was informed by Township resident that it's pond had sink holes in it, located at the rear of 2139 White St. and along Rt. 30. Kinsley Construction excavated the holes and repaired them, then covered with soil and reseeded the bottom of pond. Kinsley construction also cleaned out the channels that run down the sides of pond and repaired the channels where the paving washed away or sunk in sink hole.

Zane Williams

## Clean Tops of Basins

4-3-14

DAVE WIRE

		DAVE WIRE
Lowcks & Kotur	3	
Lowcks & North	3	
Trolley & High	3	
Herman & Crocus	2	
Herman & Maple	1	
Maple Ave	2	
Maple & 74	1	
Log Cabin & 74	1	
Poplars	4	
Cypress & Sycamore	2	

# York County Urban Stormwater BMP Tracking Form

Stormwater BMP Projects Completed Since January 1, 2006

Jurisdiction Name:	WEST MANCHESTER TWP.		
BMP Location:	Lat: 39.950777	Long: -76.782681	
Year BMP Installed:	2006 TO PRESENT		
BMP Type:	Pervious Pavement	Infiltration Basin	Subsurface Infiltration Bed
	Vegetated Swale	Vegetated Filter Strip	Infiltration Berm
	WQ Filter/Hydrodynamic Device	Riparian Buffer	Landscape Restoration
	Dry Extended Detention Basin	Impervious Removal	Construction Filter
	Bioretention	Dry Well	Cistern
	Floodplain Restoration	Level Spreader	Stream Restoration
Property Ownership:	Public		Private
BMP Drainage Area	Acres=		
Drainage Area			
Imperviousness (%):	% Impervious=	% Turf=	% Forest=
Drainage Area Land Use: (Please Indicate % of DA in each category)	Apartment:	Commercial:	Industrial:
	Utility:	Exempt:	Farmland:
BMP Storage Volume:	Cubic Feet=		
BMP Surface Area:	Square Feet=		
BMP Length:	Feet=		
BMP Width:	Feet=		
Has the BMP been reported?	No	Yes: MS4 Report/WIP II Goals	
Who funded implementation?	TOWNSHIP		
Date of last Inspection:	Month/Year		
Notes:	STREET SWEEP 100 TONS PER YEAR.		

This BMP form is designed to capture information related to tracking and accounting for Urban Stormwater BMPs that have been completed since January 1, 2006 for the purpose of determining progress towards meeting County TMDL Watershed Implementation Plan (WIP) goals. Examples include, but are not limited to, stream restoration, vegetated swales, impervious surface reduction, constructed wetlands, filtering practices, wetland restoration, bioswales, and forested buffers. Please fill out the applicable sections of this form to the best of your ability. If you have already reported the BMP, please indicate how it was reported. If you are reporting a BMP or a land use not represented on the form, please indicate under "other" the type. In the "Drainage Area Land Use" category, please indicate the percentage of the drainage area the land use category occupies. The "Reported" and "Funded" categories are in an effort to prevent double counting. Please return this form to Lindsay Gerner at [Lgerner@ycpc.org](mailto:Lgerner@ycpc.org) or Fax # 717-771-9511 no later than October 31, 2013.

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 3-31-4-6

Vehicle ID: \_\_\_\_\_

Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓	✓	✓	✓	✓		
Check radiator coolant level.		✓	✓	✓	✓		
Check battery fluid level (if applicable).	✓	✓	✓	✓	✓		
Check belt for wear and proper tension.		✓	✓	✓	✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓	✓	✓	✓	✓		
Drain the water separator on the fuel filter.		✓	✓	✓	✓		
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.							
Check area around sweeper. Make sure it is free of people and obstacles.	✓	✓	✓	✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>							
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓	✓	✓	✓	✓		
Check tires for correct pressure, according to tire manufacturer.	✓	✓	✓	✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓	✓	✓	✓	✓		
Check windshield wiper operation and washer fluid level.	✓	✓	✓	✓	✓		

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
Sweeping Components							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓	✓	✓	✓	✓		
Check main broom for wear and operation.	✓	✓	✓	✓	✓		
Check side broom(s) for wear and operation.	✓	✓	✓	✓	✓		
Check conveyor for wear and alignment.	✓	✓	✓	✓	✓		
Spray Water and Hydraulic Fluids							
Check spray water filter.	✓	✓	✓	✓	✓		
Fill water tank.	✓	✓	✓	✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.	✓	✓	✓	✓	✓		
Check hydraulic system for leaks.	✓	✓	✓	✓	✓		
Other Inspection Items Per Local Standards							

Notes:

ROADS COMPLETED

4-1-13

TAXVILLE  
PERRY  
CHURCH

4-2-13

BROUGHER  
LOUCKS  
ARTHURS COURT  
TROLLEY  
KENNETH

4-3-13

ZARFOSS  
S. SALEM CHURCH  
BRYAN AVE  
BRIARWOOD CT

4-4-13

BROAD STREET  
POPLARS ROAD  
FARMSTEAD WAY  
OATFIELD CT  
ROSEBAY DRIVE  
ASTER DRIVE

4-4-13 CONTINUED

WINTERBERRY CT  
ELDERBERRY LANE  
JESSAMINE WAY  
FARM CROSS WAY  
GREEN MEADOW DRIVE  
LITTE CREEK RD  
WHEATFIELD DRIVE

4-5-13

BON AIR DRIVE / GREENWOOD RD  
LOG CABIN ROAD  
MIDDLE STREET  
MANOR RD  
BARTON CIRCLE  
SUNSET LANE

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 07/07/13

Vehicle ID: \_\_\_\_\_

Operator ID: \_\_\_\_\_

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓	✓	✓				
Check radiator coolant level.	✓	✓	✓				
Check battery fluid level (if applicable).	✓	✓	✓				
Check belt for wear and proper tension.	✓	✓	✓				
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓	✓	✓				
Drain the water separator on the fuel filter.	✓	✓	✓				
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓	✓	✓				
Check area around sweeper. Make sure it is free of people and obstacles.	✓	✓	✓				
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓	✓	✓				
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓	✓	✓				
Check tires for correct pressure, according to tire manufacturer.	✓	✓	✓				
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓	✓	✓				
Check windshield wiper operation and washer fluid level.	✓	✓	✓				

Sweeper Operating Checklist	MT	TU	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓	✓	✓				
Check main broom for wear and operation.	✓	✓	✓				
Check side broom(s) for wear and operation.	✓	✓	✓				
Check conveyor for wear and alignment.	✓	✓	✓				
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.	✓	✓	✓				
Fill water tank.	✓	✓	✓				
With hopper down, check level of cold oil in the hydraulic reservoir.	✓	✓	✓				
Check hydraulic system for leaks.	✓	✓	✓				
<b>Other Inspection Items Per Local Standards</b>							

Notes:

04/08/13

Duval Ave

Robin Rd

Robin Cir

Hull Dr

Dell Rd

Finch Dr

Canary Cir

Canary Ct.

Lane Dr

04/09/86

Clark Ave

John St

Berlin Ct

Richardson Rd.

Hillside Ter.

Ridge Way Dr.

Hess Rd.

4-10-13

~~WEST PHILADELPHIA ST~~

WEST PHILADELPHIA ST

CLARKE AVE

STANTON ST.

SHIP AVE

367

4-10-13 CONTINUED

FILBERT ST

ORANGE ST

WORTH ST ~~ORANGE ST~~

LEONARD ST

WHITE ST. (W.Y. SCHOOL SIDE)

OXFORD ST

FAYETTE ST

STAR AVE

NORTH DIAMOND (SCHOOL SIDE)

4-11-13

MONROE ST

SOUTH OXFORD

S. WILLIAMS

S. FORREST

S. GOTWALT

ON  
BACK

4-11-13

W. MARSON AVE

BERWICK ST

SCOTT ST

OLD TAXILLERD

NORTH GOTWALT

HOFFMAN LANE

NORTH FORREST

NORTH WILLIAMS

---

4-12-13 (HALF DAY RAIN)

N. DIAMOND

CLINTON ST

SUMNER ST

SEWARD ST

} OPPOSITE W.Y. HIGH SCHOOL

ATLAND AVE

SMALL ST

HOLLY LANE

WHITE (OFF OF HIGHLAND)



# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 4-14

Vehicle ID: \_\_\_\_\_

Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist:	M	T	W	Th	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓	✓	✓	✓	✓		
Check radiator coolant level.	✓	✓	✓	✓	✓		
Check battery fluid level (if applicable).	✓	✓	✓	✓	✓		
Check belt for wear and proper tension.	✓	✓	✓	✓	✓		
Check fuel tank. Fill, if necessary.	✓	✓	✓	✓	✓		
<b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓	✓	✓	✓	✓		
Drain the water separator on the fuel filter.							
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓	✓	✓	✓	✓		
Check area around sweeper. Make sure it is free of people and obstacles.	✓	✓	✓	✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓	✓	✓	✓	✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓	✓	✓	✓	✓		
Check tires for correct pressure, according to tire manufacturer.	✓	✓	✓	✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓	✓	✓	✓	✓		
Check windshield wiper operation and washer fluid level.	✓	✓	✓	✓	✓		

Sweeper Operating Checklist	W	T	W	Th	F	SA	SU
Sweeping Components							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓	✓	✓	✓	✓		
Check main broom for wear and operation.	✓	✓	✓	✓	✓		
Check side broom(s) for wear and operation.	✓	✓	✓	✓	✓		
Check conveyor for wear and alignment.	✓	✓	✓	✓	✓		
Spray Water and Hydraulic Fluids							
Check spray water filter.	✓	✓	✓	✓	✓		
Fill water tank.	✓	✓	✓	✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.	✓	✓	✓	✓	✓		
Check hydraulic system for leaks.	✓	✓	✓	✓	✓		
Other Inspection Items, Per Local Standards							

Notes:

<u>4-15-13</u>	<u>4-15-13</u>	<u>4-16-13</u>	<u>4-17-13</u>
WINSTON DRIVE	TOWER ST	HAVILAND RD	KAIN RD
HERMAN DRIVE	MAPLE RD	IVAN ST	NORMANDE DR
THAMES AVE	PAUL LN	RODNEY RD	STONEGATE RD
SALISBURY ST	ELIM ST	YORKTOWN DR	HAMATON RD
PARKTON LN	<u>4-16-13</u>	ASHLAND DR	NIAGRA LN
DOWNING ST	HIGH ST	WESTGATE DR	WINDCREST RD
BARRINGTON DR	SHILOH DRIVE	BARLEY	LOG CABIN
MARIGOLD RD	BRETTON LN	<u>4-17-13</u>	THORNBRIDGE E/W
CROCUS LN	AUSTIN LANE	RIDGEFIELD CT	CHURCH RD
LILAC RD	CHARLESTON LN	STONEGATE RD	SLATEHILL RD
COBBLESTONE LANE	SPRING ST	WINDING ROAD	NORTHVIEW LN
	COLONY RD	SPRING ST	REDWOOD RD
			RAMBLEWOOD RD

9-17-13

CEDAR RD

4-18-13

BUTTERNUT LN

GOLDEN EAGLE DRIVE

WALNUT BOTTOM RD

SPARROW DR

GOLDENS PATH DR

RIDINGS WAY

TWIN BROOKS DR

WINEMILLER LN

SCHUM FARM LN

BROOKMAR DR (STOPPED @ (GO BARK))

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4-19-13

BROOKMAR DR

WALNUT BOTTOM

SUSSEX CIRCLE

WESTMINSTER DR

DORCHESTER DR

SPARROW DR.

GOLDEN EAGLE DRIVE

QUAIL LN

4-19-13

HEMPFIELD DR

04/22/2012

---

Ridings way

Deer Ford way  
old field

Fleming pl

Hempfield Dc.

Dove Pr

Carlton pl.

Loman Ave

Michelle Dr.

04/23/13

---

2

Radnor Circle

Sethor Runes

Misty

Montroy Ct

Trotter Ridge Ct

Sumner house Lane

Loman Dr

Carriage Run Rd

THOROUGH BREED CT

Koontz Lane

Lycon Dr

Fry pump

person Dr

White Horse Ln

~~Dr~~

Saddle Brook

Surrey Ave Ct

Verna Dr

Sweeper Operating Checklist	ME	AF	VE	HE	TP	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓	✓					
Check main broom for wear and operation.	✓	✓					
Check side broom(s) for wear and operation.	✓	✓					
Check conveyor for wear and alignment.	✓	✓					
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.	✓	✓					
Fill water tank.	✓	✓					
With hopper down, check level of cold oil in the hydraulic reservoir.	X	X					
Check hydraulic system for leaks.	X	X					
<b>Other Inspection Items: Per Local Standards</b>							

Notes:

04/24/2013

Audubon Dr.

Honey Run

Cedar Rd

Sycamore Rd

Birch

Chestnut Rd

Cypress Ave

Cottonwood Rd

Basswood Rd

School St

Willow Rd

04/25/2013

Bank Lane Farm Lane

Manor

Linden

Maple

Maple

Croyde

Pemberton pl

Esbershade

Dunbar

Marion Ct.

~~XXXXXXXXXX~~

H-26-13

BRENDA RD

POTOMAC AVE

SENECA DR

HEATHER RD

SYCAMORE RD

NORTH DR

LOCUST LN

WYNDHURST CT

SOUTH DR

WILT DR

WARWICK RD

SPRINKLE CT

FOR MON. STREETS OFF OF NORTH N SOUTH

Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 4-28-13 Vehicle ID: \_\_\_\_\_ Operator ID: \_\_\_\_\_

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓	✓	✓	✓			
Check radiator coolant level.	✓	✓	✓	✓			
Check battery fluid level (if applicable).	✓	✓	✓	✓			
Check belt for wear and proper tension.	✓	✓	✓	✓			
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓	✓	✓	✓			
Drain the water separator on the fuel filter.							
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓	✓	✓	✓			
Check area around sweeper. Make sure it is free of people and obstacles.	✓	✓	✓	✓			
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓	✓	✓	✓			
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓	✓	✓	✓			
Check tires for correct pressure, according to tire manufacturer.	✓	✓	✓	✓			
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓	✓	✓	✓			
Check windshield wiper operation and washer fluid level.	✓	✓	✓	✓			

Sweeper Operating Checks:	M	T	W	TH	F	SA	SU
Sweeping Components:							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓	✓	✓	✓			
Check main broom for wear and operation.	✓	✓	✓	✓			
Check side broom(s) for wear and operation.	✓	✓	✓	✓			
Check conveyor for wear and alignment.	✓	✓	✓	✓			
Spray Water and Hydraulic Fluids:							
Check spray water filter.	✓	✓	✓	✓			
Fill water tank.	✓	✓	✓	✓			
With hopper down, check level of cold oil in the hydraulic reservoir.	✓	✓	✓	✓			
Check hydraulic system for leaks.	✓	✓	✓	✓			
Other Inspection Items (Per Local Standards):							

Notes:

4-29

CT

- WYNDHURST (CONT.)
- HAYWARD RD
- FAIRFIELD AVE
- EMERALD AVE (N.) (S.)
- OPAL RD
- SAPPHIRE RD
- TOPAZ (NOT DONE) dk

4-30

TOPAZ (done)

~~AMETHYST RD~~

AMETHYST RD

ONYX RD

N. GABRIELLE CT

4-30

NEWA DR

EMMANUEL DR

BEELEA AVE

KOTUR AVE

WOODLAWN AVE

LOGAN RD

BREEZEWOOD RD

W. MANCHESTER WAY

MARION ST

STEWART ST

MARGARET ST

RUTH ST

CATHERINE ST

5-1

HAYDEN HOTS. RD

CARLISLE CT.

YORK CROSSING DR

DENEZ RD

WELDON DR

WELDON COURT

BAKER RD @ SHEET.

ZEIGLER RD

EMIG MILL RD

ALWINE AVE

ABBIE RD

BAIRS RD

ZIMMERMAN DR

MYERS AVE



5-2-13

HADLEIGH DRIVE

RHONDA DR

MARGATE RD

SHEFFIELD LN

DARLINGTON RD

EVERGREEN LANE

LINCOLNWAY DR / STOP @ PAVEMENT CHANGE  
(NOT PAR)

LINCOLNWAY COURT

SMITH DR (DOWN TO STOVERSTOWN RD)

SUNNYSIDE RD

S. EMIL MILL RD

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5-3-13

WOLFS CHURCH RD

GILLESPIE DR

WOODBERRY RD (STATE @ ORANGETOP) OTHER SIDE  
RESPONSIBLE FOR

GRAYBILL RD

GULTON RD

WHITE ST

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 5/6/13 Vehicle ID: \_\_\_\_\_ Operator ID: AJ

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	Th	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓						
Check radiator coolant level.	✓						
Check battery fluid level (if applicable).	✓						
Check belt for wear and proper tension.	✓						
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓						
Drain the water separator on the fuel filter.	✓						
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓						
Check area around sweeper. Make sure it is free of people and obstacles.	✓						
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓						
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓						
Check tires for correct pressure, according to tire manufacturer.	✓						
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓						
Check windshield wiper operation and washer fluid level.	✓						

Sweeper Operating Checklist:	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓						
Check main broom for wear and operation.	✓						
Check side broom(s) for wear and operation.	✓						
Check conveyor for wear and alignment.	✓						
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.	✓						
Fill water tank.	✓						
With hopper down, check level of cold oil in the hydraulic reservoir.	✓						
Check hydraulic system for leaks.	✓						
<b>Other Inspection Items: Per Local Standards</b>							
	✓						
	✓						
	✓						
	✓						

Notes:

05/06/13

Allenbrook Alley  
 W. Princess St  
 S. Adams  
 S. Highland Ave.  
 Locust St,  
 Spangler Ave  
 Salem Rd  
 Howe St  
 Hezro

Herman  
 Deney  
 Olson  
 Corderly  
 Overbrook  
 Lafayette  
 Zions Academy

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 3-16 to 3-22 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.			✓	✓	✓		
Check radiator coolant level.			✓	✓	✓		
Check battery fluid level (if applicable).			✓	✓	✓		
Check belt for wear and proper tension.			✓	✓	✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.			✓	✓	✓		
Drain the water separator on the fuel filter.							
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.			✓	✓	✓		
Check area around sweeper. Make sure it is free of people and obstacles.			✓	✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>			✓	✓	✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.			✓	✓	✓		
Check tires for correct pressure, according to tire manufacturer.			✓	✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.			✓	✓	✓		
Check windshield wiper operation and washer fluid level.			✓	✓	✓		

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.			✓	✓	✓		
Check main broom for wear and operation.			✓	✓	✓		
Check side broom(s) for wear and operation.			✓	✓	✓		
Check conveyor for wear and alignment.			✓	✓	✓		
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.			✓	✓	✓		
Fill water tank.			✓	✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.			✓	✓	✓		
Check hydraulic system for leaks.			✓	✓	✓		
<b>Other Inspection Items, Per Local Standards</b>							
} # OF HOPPERS							

Notes:

3-19-14

3-21-14

SOUTH OXFORD  
 MONROE  
 NORTH FAYETTE } 2  
 GILLESPIE DR  
 ZARFOSS RD  
 GULTON RD

DERRY (CONT.)  
 CHURCH  
 SUNSET (STARTED) } 4

3-20-14  
 TAXVILLE } 9  
 DERRY  
 GREENWOOD

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 3-23 to 3-29 Vehicle ID: \_\_\_\_\_ Operator ID: \_\_\_\_\_

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.				✓			
Check radiator coolant level.				✓			
Check battery fluid level (if applicable).				✓			
Check belt for wear and proper tension.				✓			
Check fuel tank. Fill, if necessary.				✓			
<b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.				✓			
Drain the water separator on the fuel filter.				✓			
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.				✓			
Check area around sweeper. Make sure it is free of people and obstacles.				✓			
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>				✓			
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.				✓			
Check tires for correct pressure, according to tire manufacturer.				✓			
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.				✓			
Check windshield wiper operation and washer fluid level.				✓			

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.				✓			
Check main broom for wear and operation.				✓			
Check side broom(s) for wear and operation.				✓			
Check conveyor for wear and alignment.				✓			
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.				✓			
Fill water tank.				✓			
With hopper down, check level of cold oil in the hydraulic reservoir.				✓			
Check hydraulic system for leaks.				✓			
<b>Other Inspection Items, Per Local Standards</b>							

Notes:

3-27  
 SUNSET LN (CONT.) } 5  
 AUDLYN DR. }  
 HAYDEN HEIGHTS RD  
 LOCCKS (STARTED) NOT FINISHED

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 3-30 to 4-5 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.		✓					
Check radiator coolant level.		✓					
Check battery fluid level (if applicable).		✓					
Check belt for wear and proper tension.		✓					
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.		✓					
Drain the water separator on the fuel filter.		✓					
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.		✓					
Check area around sweeper. Make sure it is free of people and obstacles.		✓					
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>		✓					
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.		✓					
Check tires for correct pressure, according to tire manufacturer.		✓					
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.		✓					
Check windshield wiper operation and washer fluid level.		✓					



Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.		✓					
Check main broom for wear and operation.		✓					
Check side broom(s) for wear and operation.		✓					
Check conveyor for wear and alignment.		✓					
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.		✓					
Fill water tank.		✓					
With hopper down, check level of cold oil in the hydraulic reservoir.		✓					
Check hydraulic system for leaks.		✓					
<b>Other Inspection Items, Per Local Standards</b>							

Notes:

4-1-14

BAKER RD (2)  
 FAIRWAY DRIVE (1)  
 ST. ANDREWS COURT  
 PUTTERS COVE (1)  
 WEDGEWOOD WAY  
 AUGUSTA COURT (1)  
 PINEHURST PLACE

4-2-14

WELDON CIR }  
 DENEBA } 2

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: \_\_\_\_\_ Vehicle ID: \_\_\_\_\_ Operator ID: \_\_\_\_\_

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.							
Check radiator coolant level.							
Check battery fluid level (if applicable).							
Check belt for wear and proper tension.							
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.							
Drain the water separator on the fuel filter.							
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.							
Check area around sweeper. Make sure it is free of people and obstacles.							
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>							
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.							
Check tires for correct pressure, according to tire manufacturer.							
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.							
Check windshield wiper operation and washer fluid level.							

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.							
Check main broom for wear and operation.							
Check side broom(s) for wear and operation.							
Check conveyor for wear and alignment.							
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.							
Fill water tank.							
With hopper down, check level of cold oil in the hydraulic reservoir.							
Check hydraulic system for leaks.							
<b>Other Inspection Items, Per Local Standards</b>							

Notes:

4-3-14

WELDON DR

N. WILLIAMS

S. WILLIAMS

4-4-14

SCOTT

M. GOTWALT

BERWICK

SHORT PIECE OF FILBERT

N. FOREST

S. FORREST

M. GOTWALT

S. GOTWALT

SCOTT

# Pelican Sweeper Operating Checklist

2014



[Photocopy this checklist for weekly use]

Week of: 4-27 to 5-3 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.				✓	✓		
Check radiator coolant level.				✓	✓		
Check battery fluid level (if applicable).				✓	✓		
Check belt for wear and proper tension.				✓	✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.				✓	✓		
Drain the water separator on the fuel filter.				✓	✓		
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.				✓	✓		
Check area around sweeper. Make sure it is free of people and obstacles.				✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>				✓	✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.				✓	✓		
Check tires for correct pressure, according to tire manufacturer.				✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.				✓	✓		
Check windshield wiper operation and washer fluid level.				✓	✓		

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.				✓	✓		
Check main broom for wear and operation.				✓	✓		
Check side broom(s) for wear and operation.				✓	✓		
Check conveyor for wear and alignment.				✓	✓		
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.				✓	✓		
Fill water tank.				✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.				✓	✓		
Check hydraulic system for leaks.				✓	✓		
<b>Other Inspection Items, Per Local Standards</b>							
#36 INDICATOR LIGHT 5-1-14							
LOW BRAKE PRESSURE INDICATOR							
SQUEEING AS PER LAST YEAR							
AND ALSO AFTER REPAIR 4-30-14							

Notes:

5-1-14 (4) HOPPERS

5-2-14 (5) HOPPERS

WINSTON DR  
BALLFIELD LN  
BROAD ST  
POPLARS RD  
FARMSTEADWAY  
OATFIELD CT.  
ROSEBAY DR.  
JESSAMINE WAY  
WINTER BERRY CT  
ASTER DRIVE  
ELDERBERRY LN

BARTON CR  
FARM CROSS WAY  
GREEN MEADOW DR  
LITTLE CREEK RD  
WHEATFIELD DR  
AUTHORS CT  
KENNETH RD (BULL TO LOUCKS)  
LOUCKS RD RE 30 to 74  
WESTGATE DR

Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 5-4/5-10 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

**Before Starting the Engine**

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓	✓					
Check radiator coolant level.	✓	✓					
Check battery fluid level (if applicable).	✓	✓					
Check belt for wear and proper tension.	✓	✓					
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓	✓					
Drain the water separator on the fuel filter.	✓	✓					
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓	✓					
Check area around sweeper. Make sure it is free of people and obstacles.	✓	✓					
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓	✓					
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓	✓					
Check tires for correct pressure, according to tire manufacturer.	✓	✓					
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓	✓					
Check windshield wiper operation and washer fluid level.	✓	✓					

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓	✓					
Check main broom for wear and operation.	✓	✓					
Check side broom(s) for wear and operation.	✓	✓					
Check conveyor for wear and alignment.	✓	✓					
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.	✓	✓					
Fill water tank.	✓	✓					
With hopper down, check level of cold oil in the hydraulic reservoir.	✓	✓					
Check hydraulic system for leaks.	✓	✓					
<b>Other Inspection Items - Per Local Standards</b>							

Notes:

5-5-14 (5) HOPPERS

CARLISLE CT  
LOUCKS RD (RT 74 TO TAXVILLE)  
BROUGHER LN

? TARGET/SHEETZ RD (TURN AROUND)  
WEST MANCHESTERWAY ↑  
HAUICAND RD  
COLONY RD  
KENNETH RD (TROLLEY TO RT 30)  
RODNEY RD (KENETH TO MALL)

5-6-14 (2 HOPPERS)

RODNEY RD (LOUCKS TO KENN.)  
IVAN DR  
TROLLEY RD  
YORKTOWNE DR  
ASHLAND DR  
YORK CROSSING  
WHITE STREET (BANNISTER  
TO CARLISLE RD)

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 5-18 to 5-24

Vehicle ID: \_\_\_\_\_

Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.					✓		
Check radiator coolant level.					✓		
Check battery fluid level (if applicable).					✓		
Check belt for wear and proper tension.					✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.					✓		
Drain the water separator on the fuel filter.					✓		
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.					✓		
Check area around sweeper. Make sure it is free of people and obstacles.					✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>					✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.					✓		
Check tires for correct pressure, according to tire manufacturer.					✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.					✓		
Check windshield wiper operation and washer fluid level.					✓		



Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.					✓		
Check main broom for wear and operation.					✓		
Check side broom(s) for wear and operation.					✓		
Check conveyor for wear and alignment.					✓		
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.					✓		
Fill water tank.					✓		
With hopper down, check level of cold oil in the hydraulic reservoir.					✓		
Check hydraulic system for leaks.					✓		
<b>Other Inspection Items, Per Local Standards</b>							
NOTE: RHONDA, SHEFFIELD,							
MARGATE, AND HADLEIGH SWEEP							
BY SUB CONTRACTORS FOR							
RECOATING OF THE ROADS.							

Notes:

5-23-14 (GOT FUEL)  
 S. SALEM (2)  
 BRYAN AVE  
 BRIARWOOD CT. (2)  
 ABBIE RD  
 DARLINGTON  
 WOLFS CHURCH RD (1)  
 MYERS AVE

BAIRS RD (616 TO WOLFS CHURCH)

\* STILL ~~GOING~~ MAKING  
 THE SQUEEK.

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 5-26 TO 5-31

Vehicle ID: \_\_\_\_\_

Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.		✓	✓	✓	✓		
Check radiator coolant level.		✓	✓	✓	✓		
Check battery fluid level (if applicable).		✓	✓	✓	✓		
Check belt for wear and proper tension.		✓	✓	✓	✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.		✓	✓	✓	✓		
Drain the water separator on the fuel filter.		✓	✓	✓	✓		
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.		✓	✓	✓	✓		
Check area around sweeper. Make sure it is free of people and obstacles.		✓	✓	✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>		✓	✓	✓	✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.		✓	✓	✓	✓		
Check tires for correct pressure, according to tire manufacturer.		✓	✓	✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.		✓	✓	✓	✓		
Check windshield wiper operation and washer fluid level.		✓	✓	✓	✓		

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.		✓	✓	✓	✓		
Check main broom for wear and operation.		✓	✓	✓	✓		
Check side broom(s) for wear and operation.		✓	✓	✓	✓		
Check conveyor for wear and alignment.		✓	✓	✓	✓		
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.		✓	✓	✓	✓		
Fill water tank.		✓	✓	✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.		✓	✓	✓	✓		
Check hydraulic system for leaks.		✓	✓	✓	✓		
<b>Other Inspection Items, Per Local Standards</b>							
VEHICLE MAKING THE NOISE							
UP FRONT (LEFT SIDE) HIGH							
PITCHED SQUEAL.							
#33 FAULT WARNING INDICATOR LIGHT ON DASH							

Notes:

TUES 5-27 (LIGHTS WHEN A PROBLEM W/ ELECTRONIC CONTROL MODULE (ECM) IS DETECTED)

OLDE FIELD DR

~~CARLTON PL~~

(3)

RIDINGS WAY (SOUTH SIDE)

HEMPFIELD DRIVE

FLEMING PL

DEER FORD WAY

LOMAN (PARK SIDE)

SPARROW DR.

MICHELLE DR

(RIDINGS WAY)  
PART 2

MISTY DRIVE

RAINBOW CIRCLE

WED 5-28 (4)

DORCHESTER DR.

DOVE DR

WALNUT BOTTOM

GOLDEN EAGLE DR

QUAIL LN

BROOKMAR DR

WESTMINSTER DR

SUSSEX CIRCLE

SCHUM FARM LN

SPARROW (PART 2)

GOLDENS PATH

THURS 5-29

NENA DR (2)

EMMANUEL DR

SETTER RUN CT

SURREY RUN CT

HUNTLEY CT

SADDLEBACK RD

THOROUGHbred CT

CARRIAGE RUN RD

IVY PUMP LN

TROTTER RIDGE CT


FRI 5-30

OVER →

NOTE : NUMBERS IN CIRCLES MEANS  
# OF HOPPERS, NOT TRUCK LOADS

FRIDAY 5-30

WHITE FENCE  
SUMMERHOUSE LANE  
KOONTZ LANE  
LOMAN #2  
THELON DRIVE  
PEARSON DRIVE  
LYCAN DRIVE  
FARM LANE  
MAPLE RD  
SYCAMORE @ HEATHER  
LINDEN RD



Pelican Sweeper Operating Checklist

2014



[Photocopy this checklist for weekly use]

Week of: 6-1 to 6-7 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓	✓	✓	✓	✓		
Check radiator coolant level.	✓	✓	✓	✓	✓		
Check battery fluid level (if applicable).	✓	✓	✓	✓	✓		
Check belt for wear and proper tension.	✓	✓	✓	✓	✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓	✓	✓	✓	✓		
Drain the water separator on the fuel filter.	✓	✓	✓	✓	✓		
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓	✓	✓	✓	✓		
Check area around sweeper. Make sure it is free of people and obstacles.	✓	✓	✓	✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓	✓	✓	✓	✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓	✓	✓	✓	✓		
Check tires for correct pressure, according to tire manufacturer.	✓	✓	✓	✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓	✓	✓	✓	✓		
Check windshield wiper operation and washer fluid level.	✓	✓	✓	✓	✓		

Sweeping Components	M	T	W	TH	F	SA	SU
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓	✓	✓	✓	✓		
Check main broom for wear and operation.	✓	✓	✓	✓	✓		
Check side broom(s) for wear and operation.	✓	✓	✓	✓	✓		
Check conveyor for wear and alignment.	✓	✓	✓	✓	✓		
Spray Water and Hydraulic Fluids							
Check spray water filter.	✓	✓	✓	✓	✓		
Fill water tank.	✓	✓	✓	✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.	✓	✓	✓	✓	✓		
Check hydraulic system for leaks.	✓	✓	✓	✓	✓		
Other Inspection Items: Per Local Standards							
BRAKE PROBLEM STILL NOT FIXED (HIGH PITCHED SQUEALS)							
#33 FAULT (FIXED 6-2-14) Hydraulic Oil Leak fixed							
* CHECK ANTI-FREEZE							

Notes:

BIRDLAND (3)  
MON 6-2  
 CANARY COURT  
 CANARY CIRCLE  
 LARK DRIVE  
 FINCH DRIVE  
 DILL RD  
 ROBIN RD  
 ROBIN CIRCLE  
 HULL DR  
 DUVALL AVE  
 ESPEN SHADE RD  
 CROYDEN RD  
 PEMBERTON PL.

TUES 6-3  
(4)  
 MANOR RD  
 MANOR COURT  
 WILLOW RD (R)  
 SCHOOL STREET (R)  
 COTTONWOOD RD  
 BASSWOOD RD  
 BIRCH  
 CYPRESS AVE  
 SYCAMORE  
 CHESTNUT RD  
 CEDAR RD  
 DUNBAR RD

WED 6-4  
(5)  
 BANK LANE  
 HEATHER RD  
 SENACA DRIVE  
 BRENDA RD  
 POTOMAC AVE  
 NORTH (CONSTRUCTION)  
 DR SOME NOT DONE  
 LOCUST LANE  
 WYNDHURST COURT

OVER →

THURS 6-5

WILT DR.

NORTH DRIVE (COMPLETE)

WARWICK RD

SPRENKLE COURT (4)

HAYWARD RD

FAIRFIELD AVE

SOUTH DRIVE

NORTH EMERALD AVE

EMERALD AVE

SOUTH EMERALD AVE

OPAL RD

NOTE: NUMBERS IN  
CIRCLES MEAN # OF  
HOPPERS, NOT TRUCK LOADS

FRI 6-6

NORTH GABRIELLE COURT

ONYX RD

(4)

TOPAZ RD

AMETHYST RD

SAPPHIRE RD

OPAL RD

BEELER AVE

KOTOR AVE

WOOD LAWN AVE

LOGAN RD

BREEZEWOOD RD

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 6-8 to 6-14 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.		✓					
Check radiator coolant level.		✓					
Check battery fluid level (if applicable).		✓					
Check belt for wear and proper tension.		✓					
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.		✓					
Drain the water separator on the fuel filter.		✓					
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.		✓					
Check area around sweeper. Make sure it is free of people and obstacles.		✓					
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>		✓					
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.		✓					
Check tires for correct pressure, according to tire manufacturer.		✓					
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.		✓					
Check windshield wiper operation and washer fluid level.		✓					



Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.		✓	✓				
Check main broom for wear and operation.		✓	✓				
Check side broom(s) for wear and operation.		✓	✓				
Check conveyor for wear and alignment.		✓	✓				
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.		✓	✓				
Fill water tank.		✓	✓				
With hopper down, check level of cold oil in the hydraulic reservoir.		✓	✓				
Check hydraulic system for leaks.		✓	✓				
<b>Other Inspection Items: Per Local Standards</b>							
BRAKES REPLACED (PADS) 6-9-14							
BRAKES STILL SQUEEK A LITTLE (TOLD MR. HULL N HE AGREES)							
6-12; REPLACE BRUSHES (SIDE) N DIRT SHOES, N HOPPER SEAL							

Notes:

TUES 6-10

SEWARD ST (4)  
N. ADAMS ST  
WHITE ST @ HIGHLAND  
CONNECTICUT AVE  
LEONARD @ HIGHLAND  
ATLAND AVE  
HOLLY LN  
NORTH CLINTON ST  
SMALL ST  
SUMNER ST  
NORTH DIAMOND  
STAR AVE  
SHIP AVE  
CLARK AVE

WED 6-11

PHILADELPHIA (3)  
WHITE ST @ DIAMOND  
LEONARD ST  
WORTH ST  
ORANGE ST  
FILBERT ST

THURS 6-12

(2)  
STANTON ST  
NORTH OXFORD ST  
W. MASON AVE  
MASON AVE  
SOUTH DIAMOND ST  
ANDREW ST  
ELK AVE

FRI 6-13

(1)  
BERLIN CT  
RICHARDSON RD  
HILLSIDE TERRACE  
RIDGEWAY DRIVE  
HESS RD  
OLD TAXVILLE RD  
CATHERINE ST

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 6-15-6-21 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓			✓	✓		
Check radiator coolant level.	✓			✓	✓		
Check battery fluid level (if applicable).	✓			✓	✓		
Check belt for wear and proper tension.	✓			✓	✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓			✓	✓		
Drain the water separator on the fuel filter.	✓			✓	✓		
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓			✓	✓		
Check area around sweeper. Make sure it is free of people and obstacles.	✓			✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓			✓	✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓			✓	✓		
Check tires for correct pressure, according to tire manufacturer.	✓			✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓			✓	✓		
Check windshield wiper operation and washer fluid level.	✓			✓	✓		

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓			✓	✓		
Check main broom for wear and operation.	✓			✓	✓		
Check side broom(s) for wear and operation.	✓			✓	✓		
Check conveyor for wear and alignment.	✓			✓	✓		
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.	✓			✓	✓		
Fill water tank.	✓			✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.	✓			✓	✓		
Check hydraulic system for leaks.	✓			✓	✓		
<b>Other Inspection Items, Per Local Standards</b>							
ADDED HYDROLIC OIL AGAIN, LEAKING SOMEWHERE							
6-17 REPAIR BY BILL (SPUT 'O' RING) @ HYDROCKS (LEFT)							
BRAKES STILL MAKING SQUEELLING NOISE (DON HULL KNOWS)							

Notes:

6-16 MON

(2) JOAN STREET  
HOFFMAN LANE  
STEWART ST  
MARGARET ST  
RUTH ST  
MARION ST

6-19 THURS

WHITE FENCE @ (3)  
WY PUMP INTER.  
(AFTER CONSTRUCTION)  
HEATHER AS PER  
REQUEST (RETURN)  
BON AIRE DR  
LOG CABIN (EAST SIDE)  
MIDDLE STREET  
SCHOOL STREET @ RUTTERS  
PAUL LANE @ SCHOOL ST  
MANOR @ MIDDLE  
MAPLE RD  
HERMAN (CHURCH TO ELM)  
HERMAN DRIVE (DONE)

6-20 FRI

ZIMMERMAN DRIVE (3)  
ALWINE AVE @ ZIMM.  
S. EMIG MILL RD  
TRINITY @ SHEETZ (BAKER)  
ZEIGLER RD  
EMIGS MILL RD  
ALWINE AVE (DONE)  
EVERGREEN LANE  
LINCOLNWAY DRIVE  
LINCOLNWAY COURT

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 6-22 to 6-28-14

Vehicle ID: \_\_\_\_\_

Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓						
Check radiator coolant level.	✓						
Check battery fluid level (if applicable).	✓						
Check belt for wear and proper tension.	✓						
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓						
Drain the water separator on the fuel filter.	✓						
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓						
Check area around sweeper. Make sure it is free of people and obstacles.	✓						
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓						
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓						
Check tires for correct pressure, according to tire manufacturer.	✓						
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓						
Check windshield wiper operation and washer fluid level.	✓						

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓						
Check main broom for wear and operation.	✓						
Check side broom(s) for wear and operation.	✓						
Check conveyor for wear and alignment.	✓						
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.	✓						
Fill water tank.	✓						
With hopper down, check level of cold oil in the hydraulic reservoir.	✓						
Check hydraulic system for leaks.	✓						
<b>Other Inspection Items, Per Local Standards</b>							
6-23 GOT CALL TO PARK SWEEPER (RECALLED PARTS)						11 AM.	

Notes:

6-23 MON  
 MARIGOLD RD  
 CROCUS LANE  
 LILAC RD  
 SALISBURY ST  
 THAMES AVE  
 COBBLESTONE LN  
 TOWER RD

(2 HOPPERS)

# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

2014

Week of:

7-13 to 7-19

Vehicle ID: \_\_\_\_\_

Operator ID: \_\_\_\_\_

JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.	✓		✓				
Check radiator coolant level.	✓		✓				
Check battery fluid level (if applicable).	✓		✓				
Check belt for wear and proper tension.	✓		✓				
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.	✓		✓				
Drain the water separator on the fuel filter.	✓		✓				
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.	✓		✓				
Check area around sweeper. Make sure it is free of people and obstacles.	✓		✓				
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>	✓		✓				
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.	✓		✓				
Check tires for correct pressure, according to tire manufacturer.	✓		✓				
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.	✓		✓				
Check windshield wiper operation and washer fluid level.	✓		✓				

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.	✓		✓				
Check main broom for wear and operation.	✓		✓				
Check side broom(s) for wear and operation.	✓		✓				
Check conveyor for wear and alignment.	✓		✓				
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.	✓		✓				
Fill water tank.	✓		✓				
With hopper down, check level of cold oil in the hydraulic reservoir.	✓		✓				
Check hydraulic system for leaks.	✓		✓				
<b>Other Inspection Items, Per Local Standards</b>							
	✓						
	✓						

Notes:

7-14 MON

(4)

ELIM ST  
 SPRING ST @ HIGH  
 PARKTON LN  
 DOWNING ST  
 BARRINGTON DR  
 SHILOH DR  
 HIGH ST  
 SPRING ST  
 PAUL LN @ KAIN  
 KAIN RD  
 AUSTIN LN  
 CHARLESTON LN  
 BARLEY  
 STONEGATE RD

RIDGEFIELD CT

7-16 WED.

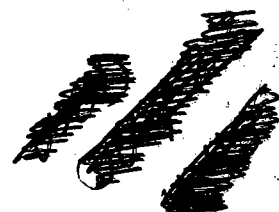
(3)

NIACRA LN  
 STONEGATE RD  
 BRETTON LN  
 HAMPTON RD  
 NORMANDIE DR  
 WINDING RB  
 SPRING ST @ WIN.  
 WINEMILLER LN  
 TWIN BROOKS DR  
 CEDAR @ REDWOOD  
 REDWOOD RD  
 LOG-CABIN (WEST)  
 \* START @  
 AARON'S HOUSE &  
 GO UP NERRY

7-17 THURS

(2)

REDWOOD RD  
 RAMBLEWOOD RD  
 CHURCH @ REDWOOD  
 E. THORNBRIDGE RD  
 SLATEHILL RD  
 NORTHVUE LN  
 W. THORNBRIDGE RD  
 BUTTERNUT LN  
 WALNUT BOTTOM @ BUTRNUT  
 GOLDEN EAGLE @ BUTRNUT



OVER →

7-18 FRI (3)

W. PRINCESS

PRINCESS

S. ADAMS

ALPHA DRIVE

WOODBERRY RD

WHEAT AVE

OLD SALEM RD

HOKE ST

SPANGLER AVE

S HIGHLAND AVE

W. COLLEGE

NOTE: FINISH W. COLLEGE FROM HERMAN TO  
RICHMOND



# Pelican Sweeper Operating Checklist



[Photocopy this checklist for weekly use]

Week of: 7-27 to 8-2-14 Vehicle ID: \_\_\_\_\_ Operator ID: JMS

Successful machine operation depends on the following standard daily operating procedures. Detailed instructions for sweeping component service are located in the Service Procedures section of the Operator manual. If you have questions, please contact your local Elgin dealer.

## Before Starting the Engine

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Engine</b>							
Check engine oil level.				✓	✓		
Check radiator coolant level.				✓	✓		
Check battery fluid level (if applicable).				✓	✓		
Check belt for wear and proper tension.				✓	✓		
Check fuel tank. Fill, if necessary. <b>NOTICE</b> Use Low or Ultra Low Diesel Fuel Only.				✓	✓		
Drain the water separator on the fuel filter.				✓	✓		
<b>Video Monitor and Backup Alarm</b>							
Check video monitor's continuous ON switch for proper operation. Turn switch OFF to check automatic operation when sweeper is reversed.				✓	✓		
Check area around sweeper. Make sure it is free of people and obstacles.				✓	✓		
Check Video Monitor and Backup Alarm for automatic operation. Make sure that both the Backup Alarm sounds when sweeper starts to move in reverse and that the rear view image is seen on the Video Monitor.  <b>CAUTION</b> <i>The sweeper must move in reverse to check that the Backup Alarm and the Rear View Video System are both working. Two people, an operator and an observer outside of the sweeper, will be required to ensure that the testing area is free of people and obstacles.</i>				✓	✓		
<b>Lights, Mirrors, and Tires</b>							
Check directional and safety lights.				✓	✓		
Check tires for correct pressure, according to tire manufacturer.				✓	✓		
Check mirrors for proper adjustment and cleanliness. Make sure convex mirrors at front of sweeper give full field of vision.				✓	✓		
Check windshield wiper operation and washer fluid level.				✓	✓		

Sweeper Operating Checklist	M	T	W	TH	F	SA	SU
<b>Sweeping Components</b>							
Check dirt shoes and dirt deflectors for wear and for proper adjustment and operation.				✓	✓		
Check main broom for wear and operation.				✓	✓		
Check side broom(s) for wear and operation.				✓	✓		
Check conveyor for wear and alignment.				✓	✓		
<b>Spray Water and Hydraulic Fluids</b>							
Check spray water filter.				✓	✓		
Fill water tank.				✓	✓		
With hopper down, check level of cold oil in the hydraulic reservoir.				✓	✓		
Check hydraulic system for leaks.				✓	✓		
<b>Other Inspection Items, Per Local Standards</b>							
AUG 1 INSTALLED NEW CENTER BROOM							
NOTE: LEFT SIDE BROOM BOLT BROKE, NEEDS							
REPAIRED							

Notes:

START ON W. COLLEGE

THURS 7-31 (3 HOPPERS)

FRI AUGUST 1 2014

W. COLLEGE (COMPLETE)  
 HEICES AVE  
 W. LOCUST ST @ RICHLAND  
 DEWEY ST  
 OLSON ST  
 OVERBROOK DRIVE  
 CENTER COURT  
 HERMAN ST.  
 DREXEL ST  
 ZINNS QUARRY RD  
 LAFAYETTE ST

BAIRS @ BAE (2 HOPPERS)  
 SUNNYSIDE RD  
 SMITH RD  
 GRAYBILL RD  
 SMITH RD @ DEAD END  
 BEAR(BAIR) STATION TRIANGLE

FINISHED  
 2014



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

3 HOPPERS PER  
TRUCK LOAD  
APPOX - 8 TON PER  
TRUCK LOAD

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

3 HOPPERS PER  
TRUCK LOAD

APPOX - 8 TON PER

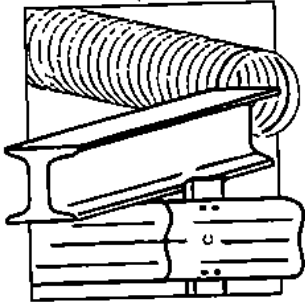
TRUCK LOAD

TOTAL

122 HOPPERS

$$122/3 = 40.67 \text{ TRUCKS}$$

$$40.67 \times 8 \text{ TONS} = \textcircled{325 \text{ TONS}}$$



JOHN SHUCK  
814-386-2973

# CHEMUNG SUPPLY

*Corporation*

PENNSYLVANIA OFFICE

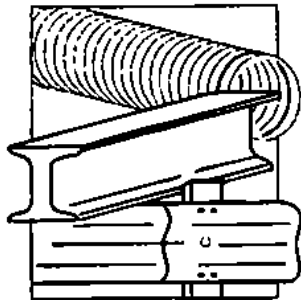
102 CREEK ROAD  
CARISLE, PA 17013  
717-243-5696 • 1-800-742-4598  
(FAX) 717-243-5696

P.O. BOX 527  
ELMIRA, NY 14902-0527  
607-773-5506  
1-800-733-5508  
FAX: 607-732-5379  
e-mail:  
csupplycorp@stny.n.com

TOM LOUDER  
717-250-4136

3 Kotur Ave - Locks  
1 Corner north Dr Locks  
2 Fairfield Ave - South Drive  
4 Seneca Dr - North Dr

6/10/13



JOHN SHUCK  
814-386-2973

# CHEMUNG SUPPLY

*Corporation*

PENNSYLVANIA OFFICE

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TOM LOUDER  
717-250-4136

South Salem All of them

Zac Fos

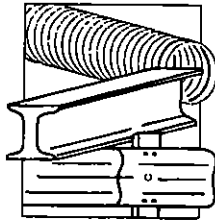
Lincoln way ct

margate → All

R Honda

6/7/13

CLEAR TOP COATH BOIR



JOHN SHUCK  
814-386-2973

# CHEMUNG SUPPLY

Corporation

PENNSYLVANIA OFFICE

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csupplycorp@stny.ny.com

TOM LOUDER  
717-250-4136

- 1 Opal Sapp Hire Pcs #9-10 Saddleback Emerald 2 Catch Basin 1-bk
- 2 Sapphire - S Emerald Pic. 11
- 2 S Emerald fopaz Pic #12-13
- 1 Emerald Ave - Saddleback Pic #14
- 3 Saddleback - Emerald Pcs #15-17
- 1 Saddleback AT Dry pump Pic #18
- 3 Tvp pump Pic #19-21
- 2 Sparrow - Dorchester br Pic Pres #22-23
- 2 Audlyin - Derry ↓ ↓
- 1 Greenwood VR Pic #26

6/7/13

Labels for that were closed

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

## Steve Callahan

**From:** Gary Peacock <GPeacock@Yorkccd.org>  
**Sent:** Thursday, April 11, 2013 8:52 AM  
**To:** Stephen Callahan  
**Cc:** Derek Rinaldo  
**Subject:** RE: MS-4 Work Shop  
**Attachments:** 130118 MOA WMTwp.pdf

Sorry for delay, thanks for your patience. Busy time of year.

Below is the summary of the MOA exercise. The Township's score is average.

70 - 79	Significant opportunities exist to improve your community's prevention efforts. Begin by focusing on the municipal operations that need the most improvement in your community.
---------	---

Attached for your information and use is the original. Glad to hear that you're following up.

I still owe you and Chuck certificates.

If there's anything else we can assist you with, let us know.

## Municipal Operations Analysis



### MOA-10 Employee Training West Manchester Twp.

- Regular SWM PP/GH education & training?
  - Yes (MS4 PP/GH & IDDE)
- Review previous sections:
  - Hotspots -4
  - Construction 0
  - Street repair/maintenance 0
  - Street sweeping -2
  - Storm drain maintenance -1
  - Stormwater hotline -3
  - Park & landscape maintenance -5
  - Residential stewardship -5
  - SWM BMP O&M -7

## Municipal Score

Score
90 - 100
80 - 89
70 - 79
60 - 69
Less than 60

February 5, 2013



Time  
16-12

## Chapter 3: The Municipal Operations Analysis (MOA)

Given limited resources, it is unlikely that even the smallest community, which may be responsible for managing only a single hotspot facility, a few miles of streets and storm drains and a handful of inlets and catch basins, will be immediately able to investigate and improve all of its municipal operations. Therefore, it is important to focus your initial pollution prevention/good housekeeping efforts on the operations that have the greatest influence on water quality in your community. This can be accomplished by completing the Municipal Operations Analysis (MOA).

The MOA is relatively simple "self-assessment" that uses readily available information to help you identify the municipal operations that have the greatest influence on water quality in your community. Ideally, the individual leading the local pollution prevention/good housekeeping effort will complete the assessment. However, the assessment can also be completed by city or town managers, planning or public works directors and staff, and consultants working on behalf of the community. In most cases, completing the MOA will require input from other municipal staff and visits to other municipal offices or publicly owned and/or -operated facilities. The results of the MOA can help focus pollution prevention/good housekeeping efforts on the municipal operations that need the most improvement or that can provide the greatest water quality benefit.

### 3.1 How to Complete the MOA

Once you have completed step two, collecting basic information about all of the municipal operations conducted within the community, you are ready to complete the MOA. The MOA is divided into 10 sections, with one section devoted to each of the municipal operations:

- Hotspot facility management (MO-1)
- Construction project management (MO-2)
- Street repair and maintenance (MO-3)
- Street sweeping (MO-4)
- Storm drain maintenance (MO-5)
- Stormwater hotline response (MO-6)
- Park and landscape maintenance (MO-7)
- Residential stewardship (MO-8)
- Stormwater management practice maintenance (MO-9)
- Employee training (MO-10)

Concrete street Trolley Rd  
Kenneth Rd.

HS Benister St concrete channel

Each section of the MOA asks questions about the nature, scope and distribution of the municipal operations conducted in your community. A total of 77 questions are provided. Each of the questions is tied to a particular program benchmark or pollution prevention/good

housekeeping practice that can be put in place to improve the way that a municipal operation is conducted.

With the information that you have already collected about the municipal operations conducted in your community in hand, you can complete the MOA by carrying out the following steps:

1. Identify the municipal operations that are currently conducted in your community. You will be completing only those sections of the analysis.
2. Go to each section of the analysis and answer the questions provided. Each of the questions requires a yes or no response or a specific numeric input. If your answers do not agree with the stated program benchmarks and pollution prevention/good housekeeping practices, points are subtracted from the total score. In other cases, the questions can be answered using the basic information that has already been collected about the municipal operations conducted within your community. In most cases, however, answering the questions may require input from other municipal staff or visits to other municipal offices or publicly owned and/or -operated facilities.
3. As you complete each section of the analysis, you are asked to subtotal your score. These subtotals will help you identify the municipal operations that need the most improvement within your community.
4. Calculate your total score. To do this, add the subtotals from each section (you will end up with a negative number) and then add 100, which is the maximum possible score that a community can receive. A community's total score provides a general indication of the level of effort needed to create a pollution prevention/good housekeeping program. As a general rule, if a community's score is under 80, a significant level of effort will typically be needed to develop a program that addresses local water quality issues and subwatershed restoration goals and objectives.

Once you have completed the MOA, go back and review your responses and the subtotals in each section of the analysis. Determine if there are a few specific operations that need significant work or if there are a number of operations that need only minor improvement. This review is important in focusing your pollution prevention/good housekeeping efforts, which is Step 4 in the seven-step process of developing a pollution prevention/good housekeeping program. The outcome of Step 4 is a prioritized list of the municipal operations in the order in which they will be further investigated and improved. This list, known as the prioritized municipal operations list, can be used to guide your current and future pollution prevention/good housekeeping efforts. The operations at the top of the prioritized municipal operations list should be those that you will address first, while those at the bottom should be those that you will address over time.

## 1. Hotspot Facility Management

Are there any publicly owned or -operated stormwater hotspot facilities located within your community?

YES/NO

If your answer is YES, complete the rest of this section

How many of the following municipal stormwater hotspot facilities are located within your community?

✓ Public Works Yards

If you have one or more public works yards, subtract 1 point ⇨

-1

Enclosed &  
Open

- ✓ Vehicle Storage and Maintenance Yards
- ✓ Equipment Storage and Maintenance Yards
- ✓ Materials Storage Yards
- ✓ Wastewater and Water Treatment Facilities
- ✓ Landfills
- ✓ Solid Waste Handling and Transfer Facilities
- ✓ Hazardous Waste Handling and Transfer Facilities
- ✓ Composting Facilities
- ✓ Public Golf Courses
- ✓ Public Swimming Pools
- ✓ Public Buildings

In total, how many municipal stormwater hotspot facilities are located within your community?

5

If you have 10 or more hotspot facilities, subtract 1 point ⇨

0

Has a simple database that contains basic information about all of the municipal stormwater hotspot facilities located within your community been created?

YES/NO

If your answer is NO, subtract 1 point ⇨

-1

Has a map that shows the locations of all municipal hotspot facilities been created?

YES/NO

If your answer is NO, subtract 1 point ⇨ msh rep.

0

Have on-site investigations been conducted to identify specific pollution-generating activities and pollution source areas at each municipal stormwater hotspot facility?

YES/NO

If your answer is NO, subtract 2 points ⇨

0

Here Inter Muni. Comm 'Lime MSX'  
'MuniO&M'

Have pollution prevention plans that identify the pollution prevention/good housekeeping practices (both existing and proposed) used to address specific pollution-generating activities and pollution source areas been created for each municipal hotspot facility?

If your answer is NO, subtract 3 points ⇒ 2

YES/NO

-1

Have pollution prevention/good housekeeping practices been implemented and are they effectively controlling and reducing stormwater pollution at municipal hotspot facilities?

If your answer is NO, subtract 2 points ⇒

YES/NO

0

Is regular stormwater pollution prevention training and education provided to employees working at each of the municipal hotspot facilities?

If your answer is NO, subtract 1 point ⇒ Yes now

YES/NO

-1

**Subtotal Hotspot Facility Management**  
(-12 points possible)

-4

## 2. Construction Project Management

Does your community fund or otherwise contribute to capital improvement, development or redevelopment projects?

If your answer is YES, complete the rest of this section

YES/NO

How many capital improvement, development and redevelopment does your community fund in an average year?

If you answered five or more, subtract 1 point ⇒

Has your community drafted and adopted a local erosion and sediment control ordinance?

If your answer is NO, subtract 2 points ⇒

YES/NO

Are the 10 critical elements of erosion and sediment control plans, as outlined below, required by the local erosion and sediment control ordinance?

Minimize clearing

Protect waterways and stabilize drainageways

Phase construction

Rapid soil stabilization

Protect steep slopes

Perimeter controls

Employ advanced settling devices

Certified contractors implement plan

Assess erosion and sediment control practices after storms

YES/NO

YES/NO

YES/NO

YES/NO

YES/NO

YES/NO

YES/NO

YES/NO

YES/NO

If you answered **NO** to any of the above, subtract 1 point ⇨

Has your community drafted and adopted a local stormwater management ordinance?

YES/NO

If your answer is **NO**, subtract 2 points ⇨

Are municipally funded capital improvement, development and redevelopment projects subject to the requirements of the local erosion and sediment control and stormwater management ordinances?

YES/NO

If your answer is **NO**, subtract 2 points ⇨

Are municipally funded capital improvement, development and redevelopment projects subject to local plan review and site inspection procedures?

YES/NO

If your answer is **NO**, subtract 2 points ⇨

Are erosion and sediment control and stormwater management (e.g. past performance, certification) considered during the contractor selection process for municipally funded capital improvement, development and redevelopment projects?

YES/NO

If your answer is **NO**, subtract 1 point ⇨

Are innovative site design and stormwater management practices that conserve natural areas and reduce impervious cover and stormwater runoff volumes required or encouraged on municipally funded capital improvement, development and redevelopment projects?

YES/NO

If your answer is **NO**, subtract 1 point ⇨

**Subtotal Construction Project Management**  
(-12 points possible)

### \* 3. Street Repair and Maintenance

1 ✓ Does your community fund street repair and maintenance projects?  
If your answer is **YES**, complete the rest of this section

~~YES/NO~~

What types of street repair and maintenance projects are community-funded?

Paving

Resurfacing

Pothole Repair

Snow Removal

Deicing and Anti-Icing Operations (application of sand, salt and other deicing materials) → brine pre-treat

Mowing (within the right-of-way)

~~YES/NO~~

~~YES/NO~~

~~YES/NO~~

~~YES/NO~~

~~YES/NO~~

~~YES/NO~~

~~YES/NO~~

Herbicide and Pesticide Application (within the right-of-way)  
Fertilizer Application (within the right-of-way)

YES/NO  
YES/NO

Are there procedures in place that help prevent paving materials and other potential stormwater pollutants (e.g. salt, pesticides, fertilizers) from entering the municipal storm drain system?

YES/NO

If your answer is NO, subtract 3 points ⇒

Are paving and resurfacing operations conducted during dry weather?  
If your answer is NO, subtract 2 points ⇒

YES/NO

Are sand, salt and other roadway deicers properly covered and stored to prevent them from being picked up and conveyed into the storm drain system during storm events?

YES/NO

If your answer is NO, subtract 2 points ⇒

Are there procedures in place to help ensure that herbicides, pesticides and fertilizers are properly used within the right-of-way?

YES/NO

If your answer is NO, subtract 2 points ⇒

✗ Does your community provide regular stormwater pollution prevention training and education to employees and contractors involved with street repair and maintenance activities?

YES/NO

If your answer is NO, subtract 1 point ⇒

**Subtotal Street Repair and Maintenance**  
(-10 points possible)

#### 4. Street Sweeping

Does your community have an established street sweeping program?

YES/NO

If your answer is YES, complete the rest of this section

If your answer is NO, subtract 5 points ⇒ Sp. 100%

Estimate the approximate percentage (%) of public streets and roadways that are swept at least once a month:

Sp. 100%

Which of the following pollutants are targeted by your community's street sweeping program?

Sediment

Trash and Debris

Leaves and Organic Matter

Nutrients

Other: \_\_\_\_\_

March new 2012

YES/NO

YES/NO

YES/NO

YES/NO

YES/NO

If you answered NO to all of the above, subtract 2 points ⇒

*No* Does your community schedule leaf pickup and subsequent street sweeping in the fall to pick up leaves and other organic matter?  
If your answer is **NO**, subtract 2 points ⇨

YES/NO

Does your community schedule street sweeping in the early spring to pick up sand, salt and other street deicing materials?  
If your answer is **NO**, subtract 2 points ⇨

YES/NO

Does your community use street sweeping equipment (e.g. regenerative-air sweepers, vacuum-assist sweepers) that is capable of picking up a wide range of sediment particles?  
If your answer is **NO**, subtract 2 points ⇨

YES/NO

Does your community provide regular stormwater pollution prevention training and education to employees and contractors involved with street sweeping activities?  
If your answer is **NO**, subtract 2 point ⇨

YES/NO

**Subtotal Street Sweeping**  
(-10 points possible)

-2

## 5. Storm Drain Maintenance

Are catch basin, inlet, and/or storm drain cleanouts conducted?  
If your answer is **YES**, complete the rest of this section  
If your answer is **NO**, subtract 5 points ⇨

YES/NO

Estimate the approximate percentage (%) of catch basin, inlet and/or storm drain cleanouts that occur:

In response to complaints and drainage problems  
As part of a regularly scheduled cleanout program

10%  
90%

If more cleanouts occur "in response to complaints and drainage problems" than "as part of a regularly scheduled cleanout program", subtract 3 points ⇨

Does your community have a map that shows the locations of all of its catch basins, inlet and storm drains?  
If your answer is **NO**, subtract 1 point ⇨

YES/NO

Does your community have a database or other tracking system in place to track when and where storm drain maintenance occurs?  
If your answer is **NO**, subtract 2 points ⇨

YES/NO

1 timekeeping

Are procedures for disposing of materials collected during catch basin, inlet and/or storm drain cleanouts in place?  
If your answer is NO, subtract 1 point  $\Rightarrow$  *kept reuse*

YES/NO  
1

Does your community provide regular stormwater pollution prevention training and education to employees and contractors involved with storm drain maintenance activities?  
If your answer is NO, subtract 1 point  $\Rightarrow$

YES/NO  
0

**Subtotal Storm Drain Maintenance**  
(-8 points possible)

-1

## 6. Stormwater Hotline Response *Brandy*

Does your community have a stormwater hotline that residents can use to report spills, leaks, sanitary sewer overflows, illicit discharges and other water quality problems?  
If your answer is YES, complete the rest of this section  
If your answer is NO, subtract 10 points  $\Rightarrow$

YES/NO  
0

Does your community have procedures in place for tracking and documenting hotline reports?  
If your answer is NO, subtract 2 points  $\Rightarrow$

YES/NO  
-2

What types of water quality problems have previously been reported through the local stormwater hotline?

Spills  
Illicit Discharges  
Combined Sewer Overflows  
Sanitary Sewer Overflows  
~~Poor In-Stream Water Quality~~  
Poorly Maintained Construction Sites  
Other: \_\_\_\_\_

YES/NO  
YES/NO  
YES/NO  
YES/NO  
YES/NO  
YES/NO  
YES/NO

Is there a map that shows the locations of previously reported spills, leaks, sanitary sewer overflows, illicit discharges, or other water quality problems?  
If your answer is NO, subtract 1 point  $\Rightarrow$

YES/NO  
0

Does your community regularly advertise the phone number, email address and/or website address that it uses as a stormwater hotline?  
If your answer is NO, subtract 1 point  $\Rightarrow$

YES/NO  
0

Has your community developed a simple contact database that identifies the local agencies and departments responsible for responding to various

YES/NO  
0



hotline reports?

*If your answer is NO, subtract 2 points ⇒*

0

Have all of the local agencies and departments responsible for responding to various hotline reports created standard response plans that outline containment and clean up, safety and waste disposal procedures?

*If your answer is NO, subtract 4 points ⇒*

LEC

YES/NO

0

Does your community provide regular stormwater pollution prevention training and education to employees and contractors involved with hotline response activities?

*If your answer is NO, subtract 1 point ⇒*

YES/NO

-1

**Subtotal Stormwater Hotline Response**  
(-10 points possible)

-3

## 7. Park and Landscape Maintenance

Are there any publicly owned properties greater than one acre in size located within your community?

*If your answer is YES, complete the rest of this section*

YES/NO

Approximately how many of the following publicly owned properties greater than one acre in size are located within your community?

Public Parks

Public Schools

Public Golf Courses

Public Buildings (e.g. municipal buildings, police and fire departments)

Open Space/Conservation Areas

14  
4  
1MB + 2VFD  
7

Estimate the approximate percentage (%) of publicly-owned land in your community:

<5

*If your answer is ≥ 5%, subtract 3 points ⇒*

0

Have on-site investigations been conducted on these properties to identify subwatershed restoration opportunities (e.g. pollution prevention, reforestation)?

*If your answer is NO, subtract 2 points ⇒*

YES/NO

-2

Has your community developed an integrated pest management plan that will help ensure that pesticides are used only as a last resort?

*If your answer is NO, subtract 1 point ⇒*

YES/NO

-1

Are there procedures in place to help ensure that herbicides, pesticides and fertilizers are properly used on publicly owned properties?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

0

Does your community use native and naturalized landscaping guidance and plant lists when working on publicly owned properties?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

-1

Are irrigation systems carefully designed to help conserve potable water and provide only the water that plants need to survive?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

-1

Does your community provide regular stormwater pollution prevention training and education to employees and contractors involved with park and landscape maintenance activities?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

0

**Subtotal Park and Landscape Maintenance**  
(-10 points possible)

-5

## 8. Residential Stewardship

Has your community developed any residential stewardship programs to help encourage positive behaviors and discourage negative ones?

If your answer is **YES**, complete the rest of this section

If your answer is **NO**, subtract 10 points ⇨

YES/NO

0

Does your community have an active storm drain stenciling program?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

-1

Does your community offer curbside pickup of used automotive fluids and other hazardous household wastes?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

-1

Does your community collect used automotive fluids and other hazardous household wastes at conveniently located collection centers?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

-1

Does your community offer free soil testing services to residents to help them determine fertilizing and other lawn care needs?

If your answer is **NO**, subtract 1 point ⇨

YES/NO

-1

Does your community encourage downspout disconnection through the distribution of rain barrels and/or the provision of incentives for simple downspout disconnection, rain barrels or rain gardens?

If your answer is NO, subtract 2 points ⇨

YES/NO

0

Does your community encourage tree planting and watershed forestry through the distribution of trees and/or the provision of incentives (e.g. coupons at local nursery)?

If your answer is NO, subtract 1 point ⇨

YES/NO

-1

Does your community regularly advertise its residential stewardship programs?

If your answer is NO, subtract 2 points ⇨

YES/NO

0

Does your community provide regular stormwater pollution prevention training and education to employees and contractors involved with its residential stewardship programs?

If your answer is NO, subtract 1 point ⇨

YES/NO

0

**Subtotal Residential Stewardship**  
(-10 points possible)

-5

## 9. Stormwater Management Practice Maintenance

Is your community responsible for the regular upkeep and maintenance of permanent stormwater management practices, including those located on publicly owned lands?

If your answer is YES, complete the rest of this section

YES/NO

WM  
NOA

Are homeowners associations and/or individual property owners also responsible for the regular upkeep and maintenance of permanent stormwater management practices in your community?

If your answer is YES, please answer the following question

YES/NO

Has your community developed a database or other tracking system that identifies the homeowners associations and/or individual property owners responsible for the regular upkeep and maintenance of permanent stormwater management practices in your community?

If your answer is NO, subtract 1 point ⇨

YES/NO

-1

What types of permanent stormwater management practices is your community currently responsible for maintaining?

Detention/Extended Detention Ponds

Wet Ponds

Stormwater Wetlands

Bull Rd.

Little Creek

YES/NO

YES/NO

YES/NO

Bioretention Areas  
Filtration Practices  
Infiltration Practices  
Swales  
Proprietary Devices

YES/NO  
YES/NO  
YES/NO  
YES/NO  
YES/NO

Is there a map that shows the locations of all of the permanent stormwater management practices that your community is responsible for maintaining?

YES/NO

If your answer is NO, subtract 1 point ⇒

1

✓

Has your community established an inspection and maintenance program under which permanent stormwater management practices are periodically inspected and maintained?

YES/NO

If your answer is NO, subtract 4 points ⇒

4

1/1B

Does your community have procedures in place for tracking and documenting maintenance activities?

YES/NO

If your answer is NO, subtract 1 point ⇒

1

?

Does your community have a dedicated funding source, such as an operating budget or stormwater user fee program, for its stormwater management practice maintenance activities?

YES/NO

If your answer is NO, subtract 2 points ⇒

Improv. to Not allowed new IWRP

2

No fee in lieu of

Does your community provide regular stormwater pollution prevention training and education to employees and contractors involved with stormwater management practice inspection and maintenance activities?

YES/NO

If your answer is NO, subtract 1 point ⇒

1

**Subtotal Stormwater Management Practice Maintenance**  
(-10 points possible)

-7

## 10. Employee Training

Does your community provide regular stormwater pollution prevention training and education to municipal employees and contractors?

YES/NO

If your answer is YES, complete the rest of this section

If your answer is NO, subtract 10 points ⇒

10

Review the work that you have completed so far and record the subtotals for each municipal operation below:

Hotspot Facility Management  
Construction Project Management  
Street Repair and Maintenance

4  
0  
0

Street Sweeping  
Storm Drain Maintenance  
Stormwater Hotline Response  
Park and Landscape Maintenance  
Residential Stewardship  
Stormwater Management Practice Maintenance

2
1
3
5
3
7

Identify the municipal operation that received the lowest score:

-7

For the operation that received the lowest score, does your community have a simple contact database that identifies all of the employees and contractors involved with that operation?

YES/NO

If your answer is NO, subtract 2 points ⇨

-2
----

Does your community provide regular stormwater pollution prevention training and education to these employees?

YES/NO

If your answer is NO, subtract 4 points ⇨

0
---

Based on the results of employee awareness surveys, have the community's existing training and education programs increased employees' overall awareness about the link between municipal operations and stormwater quality?

YES/NO

If your answer is NO, subtract 2 points ⇨

-2
----

**Subtotal Employee Training**  
(-8 points possible)

-4
----

### 3.2 Scoring the MOA

To determine your total score, simply add the subtotals from each section above (you should end up with a negative number) and add 100, which is the maximum possible score that a community can receive.

Subtotal Hotspot Facility Management (-12 points possible)  
Subtotal Construction Project Management (-12 points possible)  
Subtotal Street Repair Maintenance (-10 points possible)  
Subtotal Street Sweeping (-10 points possible)  
Subtotal Storm Drain Maintenance (-8 points possible)  
Subtotal Stormwater Hotline Response (-10 points possible)  
Subtotal Park and Landscape Maintenance (-10 points possible)  
Subtotal Residential Stewardship (-10 points possible)  
Subtotal Stormwater Management Practice Maintenance (-10 points possible)

-2
0
0
-2
-1
-3
-5
-7

Chapter 3: The Municipal Operations Analysis (MOA)

*Subtotal Employee Training (-8 points possible)*

4

*Subtotal All Municipal Operations  
Available Points*

24  
+ 100

*Total Score*

76

The following table will help you estimate the level of effort needed to create an effective pollution prevention/good housekeeping program in your community:

Score	
90 - 100	Congratulations! Your community already has many of the elements of an effective pollution prevention/good housekeeping program in place. Focus on combining these elements and creating a well-organized municipal pollution prevention/good housekeeping program.
80 - 89	Your community has a number of the elements of a pollution prevention/good housekeeping program in place, but could use some tweaking in some areas. Revisit the analysis to determine where these improvements are needed
70 - 79	Significant opportunities exist to improve your community's pollution prevention efforts. Begin by focusing on the municipal operations that need the most improvement in your community.
60 - 69	Current pollution prevention/good housekeeping efforts are inadequate and it is likely that your existing municipal operations are negatively impacting local aquatic resources. A significant effort should be made to improve local pollution prevention/good housekeeping efforts.
Less than 60	Your community's municipal operations are negatively impacting local aquatic resources. A serious effort is needed to improve local pollution prevention/good housekeeping efforts.

<b>2013-2014 Public Participation and Involvement:</b>						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
4/11/2013	Municipal Operations Analysis	Steve Callahan	York County Conservation District	Gary Peacock	MOA	
5/1/2013	American Rivers Green Infrastructure	M. Love	American Rivers		Financing Green Infrastructure	
5/15/2013	Township Resident	Z. Williams, Don and crew		Resident reported clogged drain.	Township removed debris from drain.	
5/17/2013	Designing the Next Generation of Stormwater Practices	Z. Williams	Alliance for the Chesapeake Bay	Tom Shueler, Chesapeake Stormwater Network	LID Practices, Developing a Chesapeake Bay Pollutant Reduction Plan and Local TMDL Guidance	
5/22/2013	York County Planning Commission Water Planning Workshop	Z. Williams	York Co. Planning Commission	Felicia Dell, John Seitz, Lindsay Gerner	Developing a County Wide Chesapeake Bay Pollutant Reduction Plan.	
6/3/2013	Township Resident	Z. Williams		Resident reported neighbor dumping grass clippings into inlet.	Debris was removed from inlet.	
6/20/2013	Stormwater Responses to Changes in Precipitation-driven Flooding and Land Use	M. Love	York County Emergency Services Center		Stormwater & Flooding	
8/22/2013	CLI Grant Seminar	Z. Williams	Susquehanna Riverlands, DCNR, DEP, DCED, Pennvest		Grants for recreation and conservation projects.	
9/19/2013	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	M. Love	York Co. Planning Commission, DEP, Center for Watershed Protection	Lindsay Gerner, Felicia Dell, Pam Shellenberger, John Seitz, Bryan Seipp	Introduce Planning Team, Provide Overview of the Plan, Discuss Municipal Expectations, Develop Steering Committee	

<b>2013-2014 Public Participation and Involvement:</b>						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
10/2/2013	Stormwater Facility Operation And Maintenance/A1	Z. Williams, Jay Sutton, JR Emenheiser, Andrew Scott	Pennsylvania Department of Transportation		Understanding stormwater runoff, Operation and maintenance of stormwater BMP's, stormwater in Carbonate Geology,	
10/3/2013	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	Z. Williams	York Co. Planning Commission	Lindsay Gerner	Discuss costs, training, betterways to educate public, and how program will work.	
10/29/2013	Stormwater Update 2013	K. Kelch	Stock & Leader		York Co. CBPRP	
11/7/2013	Stream and Buffer Ecology Workshop	Z. Williams	Stroud Water Research Center, Chesapeake Bay Foundation, DCNR	Dr. Sweeney	Stream Ecology/Forest Riparian Buffers	
11/19/2013	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	Z. Williams	York Co. Planning Commission	Brian Sipe, Felica Dell	Overview of the Regional CBPRP, CBPRP Requirements and Status.	
12/19/2013	Conservation Easement 101, Source Water Protection Through Land Conservation	Z. Williams	Farm & Natural Lands Trust, York Water Co.	Sean Kenny	Land conservation and how it benefits water resources.	
1/27/2014	MS4 Permit Requirements - Putting The Pieces Together	M. Love	Chesapeake Bay Foundation, URS	Melissa Bernardo Hess, Andy Wishart	Chesapeake Bay TMDL and MS4 Permit Requirements, Stormwater BMP's	
1/29/2014	MS4 Permit Requirements - Putting The Pieces Together	Z. Williams	Chesapeake Bay Foundation, URS	Melissa Bernardo Hess, Andy Wishart	Chesapeake Bay TMDL and MS4 Permit Requirements, Stormwater BMP's	
1/29/2014	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	M. Love	York Co. Planning Commission	Brian Sipe, Felica Dell	Review of Activities, Discuss Plan Requirements and Status, Cost sharing Formulas-Results	



2013-2014 Public Participation and Involvement:						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
2/26/2014	Regional Chesapeake Bay Pollution Reduction Plan Steering Committee Meeting	M. Love, Z. Williams	York Co. Planning Commission	Lindsay Gerner, Felicia Dell, John Seitz, Bryan Seipp	Overview of the Regional CBRP Requirements and Status.	
3/20/2014	Down & Dirty Details	Z. Williams, Matt Miller, Andy Scott	York Co. Coalition 4 Clean Waters	Lindsay Gerner, Jack Longstreet, Veronica Chavez, Gary Millbrand, Jeff Sholley	Forms and training to document for MS4 compliance	yes - forms
3/26/2014	RCBPRP COMMITTEE MEETING #4	Z. Williams, M. Love	York County Planning Commission	Lindsay Gerner, Bryan Seipp	cost shairing scenarios, planned projects	yes
4/30/2014	RCBPRP COMMITTEE MEETING #5	Z. Williams, M. Love	York County Planning Commission	Lindsay Gerner, Bryan Seipp, Felicia Dell	cost shairing scenarios, planned projects ratings	yes
4/30/2014	Ralph Brandt	Z. Williams	Township Resident - 1705 Misty Dr.		Mr. Brandt reorted that he believed some of the storm pipes or colverts were partially clogged in Derry Rd. area.	yes
5/6/2014	Margaret Hilbert	Z. Williams, S. Calahan	Township resident at 905 Stoverstown Rd.	Penn dot, York Rail, BAE, W. Manchester Twp.	Met at 905 Stoverstown Rd. to discuss water runoff from BAE and its effect on Hilberts prop.	
6/9/2014	Ensuring Water Quality in Your Watershed	Z. Williams	Penn State Extension	J.T. Hand, Vinnie Cotrone, David Wise	Green infrastructure in your watershed, Riparian Buffers, Maintenance of Buffer	yes
6/11/2014	RCBPRP COMMITTEE MEETING #6	Z. Williams, M. Love	York County Planning Commission, DEP	Lindsay Gerner, Felicia Dell, Lee Mcdonald	project selection, plan review, opt in process, Intergovernmental Agreement	yes

<b>2013-2014 Public Participation and Involvement:</b>						
Date:	Name/Type	Attendees:	Sponsor(s)	Presenter(s)	Topic	Handouts Att.
7/24/2014	Mike Laugerman	Z. Williams	Township resident at 885 Hess Rd.		Mr. Laugerman noticed sink holes in the adjoining properties detention pond and informed them of problem. Adjoiner repaired holes.	see pics
7/30/2014	RCBPRP COMMITTEE MEETING #7	Z. Williams, M. Love	York County Planning Commission, DEP	Lindsay Gerner, Felicia Dell	opt in process, Intergovernmental Agreement	no

**NOTICES, INTERGOVERNMENTAL AGREEMENTS & OTHER RELEVANT  
DOCUMENTS**

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**MEMORANDUM OF UNDERSTANDING (MOU)**  
**Between the**  
**YORK COUNTY CONSERVATION DISTRICT**  
**and**  
**WEST MANCHESTER TOWNSHIP**

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**This Memorandum has been prepared jointly and agreed upon by each party for the following purposes:**

- To serve as a joint commitment by the signatory parties to control accelerated erosion and to prevent sediment pollution to the waters of the Commonwealth which may result from earth disturbance activities conducted in West Manchester Township.
- To serve as a joint commitment by the signatory parties to ensure Best Management Practices (BMPs) are implemented on the ground to protect, maintain, reclaim, and restore water quality and the existing and designated uses of waters of this Commonwealth located in West Manchester Township for the benefit of the Township's citizens and downstream water users.
- To serve as a basis for stating the role of each party in administering the Commonwealth of Pennsylvania's Title 25, Chapter 102 regulations and General (PAG-02) National Pollutant Discharge Elimination System (NPDES) permit for Stormwater Discharges from Construction Activities.
- To assist West Manchester Township in meeting its minimum control measures as required by federal PAG-13 permit for Stormwater Discharges from Small Separate Storm Sewer Systems (MS-4s). This MOU will serve to satisfy Minimum Control Measure #4 – Construction Site Runoff Control and will assist in satisfying Minimum Control Measure #5 – Post-Construction Stormwater Management in New Development and Redevelopment.
- To serve as a basis for stating the role of each party in administering the provisions of West Manchester Township Stormwater Management 05-04 and Subdivision and Land Development Ordinance # 78-04 with Amendments through 97-07.

**I. In carrying out the intent of this memorandum, the York County Conservation District (District) will:**

**A. E&S Plan Reviews / NPDES Permit Processing**

- 1) Invite the Township engineer to all scheduled NPDES pre-application meetings. Attendance will be at the Township engineer's discretion.
- 2) Complete a technical review of all E&S plans proposing 1 acre or more of earth disturbance and determine if an NPDES permit is required. Initial technical reviews will be completed within 50 calendar days of receiving a complete plan submission. Additional technical reviews will be completed within 30 calendar days of receiving a complete revised plan submission.
- 3) Complete a technical review of all E&S plans proposing 5,000 square feet to 0.99 acres of earth disturbance when required by Township ordinance. The technical review will be completed within 50 calendar days of receiving a complete plan submission.

- 4) Conduct all technical E&S plan reviews in accordance with the District's delegation agreement with PA Department of Environmental Protection (DEP), current Chapter 102 regulations, and the most current PA DEP Erosion and Sediment Pollution Control Program Manual.
- 5) Provide the Township with courtesy copies of all administrative and technical plan review deficiency letters, E&S plan approval letters, and copies of the stamped approved E&S plans and final PCSM plans. Deficiency letters will be forwarded via email to the Township.
- 6) Provide the Township with an adequate supply of the District's "*Guide to Developing an Effective Erosion and Sediment Control Plan for Small Projects.*"
- 7) Maintain an E&S Control webpage on the District's website ([www.yorkccd.org](http://www.yorkccd.org)) with all current E&S plan review and NPDES applications, District services fee schedule, useful links, and other information to assist applicants and plan preparers in preparing quality E&S & PCSM plans.
- 8) Conduct periodic educational workshops regarding erosion and sediment control and post construction stormwater management and invite representatives of the Township to attend.
- 9) Withhold issuance of a NPDES permit or major modification(s) to an existing NPDES permit until the Township's 30-day comment period has expired In accordance with Acts 67, 68, & 127 which amended the Municipalities Planning Code.
- 10) Conduct an administrative review of all PCSM plans requiring a NPDES permit within 20 calendar days of receipt of the plans. Any obvious technical/conceptual deficiencies will be brought to the Township engineer's attention and, if warranted, will be forwarded to DEP's Southcentral Region Office.
- 11) Request and receive a PCSM plan consistency/approval letter signed by the Township engineer for all NPDES permit applicants prior to issuing any general NPDES permits to ensure that the PCSM plan approved by the Township is the same as the PCSM plan submitted for the NPDES permit issued by the District.
- 12) Notify the Township of revisions to any PCSM plans submitted to the District after issuance of the NPDES permit.

#### **B. Preconstruction Meetings, Complaint Investigations, & Site Inspections**

- 1) Request that the developer and/or contractor invite the Township engineer, codes enforcement officer, or other Township representative to the preconstruction meeting for all NPDES- permitted sites. Email the Township engineer and/or codes enforcement officer informing him/her of all scheduled pre-construction meetings.
- 2) Investigate all erosion and sediment control (E&S) and stormwater-related complaints within 10 calendar days of receipt. Conduct periodic E&S follow-up inspections until violations have been corrected.
- 3) Refer all storm-water related complaints to the Township to determine compliance with the Township's stormwater management ordinance and/or MS-4 permit. Refer any stormwater complaints regarding post construction stormwater management (PCSM) BMPs required by the NPDES permit to the Region DEP office and copy the Township on any correspondence.
- 4) Refer all complaints involving waterway obstruction and encroachments (potential Chapter 105 violations) to DEP's Southcentral Region Office for resolution. (The District is *not* delegated to administer DEP's Chapter 105 program.)

- 5) Provide the Township with a copy of all inspection reports and site meeting correspondence within 14 calendar days of the date of inspection or site meeting. Correspondence will be forwarded via email.
- 6) Provide the Township with a copy of all NPDES copermittee/transferee acknowledgement letters.
- 7) Serve as a repository for all plans, complaints, inspection reports, correspondence, etc. that involve earth disturbance activities.
- 8) Conduct routine and follow-up compliance inspections of all NPDES-permitted sites striving to obtain voluntary compliance. Conduct at least one annual inspection of each NPDES-permitted site. Additional inspections will be conducted for priority sites as needed to ensure compliance with Chapter 102. Compliance will be based on conformance with the District-approved E&S plans and the minimum design criteria set forth by the most current PA DEP Erosion and Sediment Control Program Manual. Inspections will be documented on a DEP earth disturbance inspection report form.
- 9) Focus on compliance with the E&S plans during inspections however the District will also document any obvious (visual) violations/deficiencies with implementation of the PCSM plans and will bring to the attention of the Township and DEP Southcentral Region office.
- 10) Initiate enforcement action in accordance with District and PA DEP compliance assistance and enforcement guidelines for sites where voluntary compliance with Chapter 102 regulations cannot be obtained.
- 11) Contact the Township engineer and/or codes enforcement officer to verify compliance with the PCSM plan prior to acknowledging any Notice of Terminations (NOT) for NPDES-permitted site.
- 12) Review the Township's Stormwater Management or Subdivision and Land Development Ordinance, at the Township's request, to determine consistency with current Chapter 102 regulations.

## **II. In carrying out the intent of this memorandum, West Manchester Township will:**

- 1) Remind all citizens, builders, contractors, developers, and farmers that earth disturbance activities including clearing and grubbing of vegetation and construction of agricultural buildings, require implementation of erosion and sediment (E&S) control Best Management Practices (BMPs) and may require a written E&S plan. Refer them to the District for further guidance.
- 2) Provide the District's "*Guide to Developing an Effective Erosion and Sediment Control Plan for Small Projects*", to building/grading permit applicants for projects proposing 5,000 square feet to 0.99 acres of earth disturbance. The guide is intended for low-hazard scattered single family residential lot construction and other small grading projects on non-NPDES permitted projects. It may not be used for commercial or industrial projects.
- 3) Withhold issuance of building and/or grading permit(s) for projects proposing 5,000 square feet to 0.99 acres of earth disturbance until the E&S plan has received District review and approval when such review and approval is required by Township ordinance. Notify the applicant (at the earliest possible date) that the District has up to 50 calendar days to review the E&S plans.
- 4) Will notify building permit applicants of the requirement to have an E&S plan reviewed and approved by the District. A District-approved E&S plan will be a required item on the Township's building permit application checklist.

- 5) If necessary, update the Township's Stormwater Management Ordinance, Subdivision and Land Development Ordinance (or) adopt an E&S ordinance requiring District review and approval of all projects proposing 1 acre or more of earth disturbance (over the life of the project) so that the District can determine if an NPDES permit is required. *Phased project(s) initially proposing less than 1 acre of earth disturbance but which is part or portion of a larger common plan of development which will disturb 1 or more acres may also require an NPDES permit.*
- 6) Encourage applicants to meet with the District and Township engineer at the earliest possible date to discuss preliminary concept plans thereby avoiding costly delays and revisions due to plan designs that may meet Township requirements but fail to meet DEP requirements.
- 7) Notify the District within 10 calendar days of any PCSM plan revisions submitted to the Township after the District has issued the NPDES permit.
- 8) Conduct an engineering review and approval of all PCSM plans required by a NPDES permit to ensure that DEP water quality requirements are met and require any revisions to the PCSM plans be resubmitted to the District.
- 9) Invite District to any scheduled preconstruction meetings and/or scheduled inspections especially prior to Township adoption of the streets.
- 10) Will conduct during-construction and post-construction inspections to ensure compliance with implementation and long-term operation and maintenance of the PCSM BMPs in accordance with the PCSM plans.
- 11) Withhold:
  - issuance of any building or other permit or final land development plan approval to persons proposing or conducting earth disturbance activities requiring a NPDES permit until the District has approved coverage under the general NPDES Permit for Stormwater Discharges Associated With Construction Activities (as required by Chapter 102.43).
  - if permitted by law, issuance of any building or other permit to any building permit applicant until the Township has received a District copermittee acknowledgement letter from the building permit applicant (typically the builder) for any lot construction on NPDES-permitted sites (as required by Chapter 102.43). A District copermittee acknowledgement letter will be a required item on the Township's building permit application checklist.
  - if permitted by law, the issuance of any grading, building, or other permits *upon District request*, when a responsible party continually fails to voluntarily comply with Chapter 102 regulations as documented on two or more DEP earth disturbance inspection report forms for the site under consideration until complete compliance.
- 12) Forward all third party complaints to the District regarding earth disturbance activities causing sediment pollution to Waters of the Commonwealth or presenting a significant potential for sediment pollution. Inform the District of any earth disturbance projects that have commenced without receiving E&S plan and/or NPDES permit approval.
- 13) Take the lead on all stormwater complaints (that do not involve earth disturbance activities) and, where applicable, work with the District to bring resolution.
- 14) Voluntarily comply with Chapter 102/NPDES requirements for all Township earth disturbance activities.
- 15) Provide the District with copies of all current E&S/PCSM/SALDO ordinances upon District request to ensure consistent application of requirements and avoid duplication of effort.

- 16) Provide enforcement support when the permittee(s) has failed to voluntarily comply with the approved PCSM plans.

**III. This Memorandum of Understanding shall become effective immediately. It shall be reviewed periodically, as the need arises by either or both parties, and may be amended by mutual consent of both parties. This MOU may be terminated at any time, by either party, following a 30 day written notice to the other party.**

FOR WEST MANCHESTER TOWNSHIP

\_\_\_\_\_  
CHAIRMAN, BOARD OF SUPERVISORS                      \_\_\_\_\_  
DATE

FOR THE YORK COUNTY CONSERVATION DISTRICT

\_\_\_\_\_  
CHAIRMAN, BOARD OF DIRECTORS                      \_\_\_\_\_  
DATE



**West Manchester  
Township**

**(717) 792-3505**

Website: [www.westmanchestertownship.com](http://www.westmanchestertownship.com)

RECEIVED JUN 28 2010



**380 East Berlin Road  
York, Pa. 17408**

**fax: (717) 792-4374**

E-mail: [info@westmanchestertownship.com](mailto:info@westmanchestertownship.com)

June 24, 2010

Mr. Gary Peacock  
Watershed Alliance of York  
118 Pleasant Acres Road  
York, PA 17402

RE: MEMORANDUM OF UNDERSTANDING (M.O.U.) RENEWAL

Dear Mr. Peacock:

At its meeting of June 24, 2010 the West Manchester Township Board of Supervisors voted to renew its Memorandum of Understanding with the Watershed Alliance of York (WAY) through the rest of the calendar year of 2010 and 2011 and respectfully requests that the Watershed Alliance of York (WAY) agree to the same.

At its same meeting the Board also agreed to provide a donation of one-hundred dollars (\$100.00) in recognition of the valuable service you provide to the Township.

Attached please find a copy of the original Resolution 2010-27 and the executed Memorandum of Understanding which allows for this renewal for your files as well as the donation check for one-hundred dollars (\$100.00).

Please advise if there is any other paperwork required by your organization to execute this renewal.

I also request that you continue to keep our municipality on your mailing list and update us on WAY's stormwater education and outreach programs.

On behalf of the Board of Supervisors and our residents, thank you for your hard work in this matter and we look forward in working with you as we continue to make a better community for the residents of West Manchester Township and the State of Pennsylvania.

Sincerely,

Kelly K. Kelch, Manager  
West Manchester Township, York County

Cc: Kelly O. Palmer – Assistant Township Manager  
Wendy Boutilier – Finance Director  
Steve S. Callahan, Public Works Director  
Bony R. Dawood, P.E. – Township Engineer  
Vicki Aycock – Dawood Associates

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (this "MOU") is entered into this 1st day of August, 2010, by and between West Manchester Twp (the "Municipality") and the WATERSHED ALLIANCE OF YORK, INC. ("WAY").

WHEREAS, the parties hereto wish to develop a mutual relationship to support watershed conservation and protection in the Municipality; and

WHEREAS, as part of that relationship and in recognition of the Municipality's need to comply with certain ongoing requirements of the Pennsylvania Department of Environmental Protection MS4 Stormwater General Permit (the "Permit"), WAY wishes to provide assistance to the Municipality as more fully described below.

NOW, THEREFORE, the parties hereto agree as follows:

**SECTION 1** During the term of this MOU, WAY agrees to provide the following services qualifying as "Public Education and Outreach" as described in the Permit:

(a) Maintain a link from WAY's website to the Municipality's web site. The Municipality will maintain a link to WAY's website on its own website.

(b) Provide a regular article on stormwater to the Municipality for inclusion in its regular newsletter.

(c) Assist in the production and distribution of the "When it rains, it drains" brochure.

(d) Include interested residents of the Municipality on the email list for the WAY E-News, a bi-weekly electronic newsletter on watershed topics (including stormwater) published by WAY.

(e) Provide the Municipality with copies of WAY's Annual Report for distribution to residents in the Municipality.

**SECTION 2** During the term of this MOU, WAY agrees to provide the following services qualifying as "Public Participation and Involvement" as described in the Permit:

(a) Hold at least one educational public meeting dedicated to a stormwater topic and will notify the Municipality in advance of the meeting and invite participation by residents of the Municipality.

(b) Notify the Municipality of all other public meetings and public participation opportunities in their local watersheds or in York County.

**SECTION 3** During the term of this MOU, WAY agrees to provide the following service qualifying as "Illicit Discharge Detection and Elimination" as described in the Permit:

(a) WAY will continue to monitor regulations and industry developments for suggested improvements to the ordinance.

(b) Upon request, hold a seminar for municipal employees on "Illicit Discharge Detection and Elimination". The seminar will be free or deeply discounted depending on the extent of financial resources available to WAY for the seminar.

**SECTION 4** During the term of this MOU, WAY agrees to provide the following service qualifying as "Post-Construction Runoff Control" as described in the Permit:

(a) WAY will continue to monitor regulations and industry developments for suggested improvements to the ordinance.

(b) Upon request, hold a seminar for municipal employees on "post-construction stormwater management". The seminar will be free or deeply discounted depending on the extent of financial resources available to WAY for the seminar.

**SECTION 5** During the term of this MOU, WAY agrees to provide the following service qualifying as "Pollution Prevention and Good Housekeeping" as described in the Permit:

(a) Upon request, hold a seminar for municipal employees on pollution prevention and good housekeeping. The seminar will be free or deeply discounted depending on the extent of financial resources available to WAY for the seminar.

**SECTION 6** In return for WAY's assistance, the Municipality will strive to improve, protect and conserve watershed quality within its boundaries through conservation, planning, education and public outreach. WAY and the Municipality recognize the importance of working together to achieve the aforementioned goals and hereby commit to continued cooperation and support of the other.

**SECTION 7** The term of this MOU will be for one year from its date of execution, and automatically renewable on a calendar year basis, by mutual agreement of the parties hereto unless notified in writing.

IN WITNESS WHEREOF, the parties hereto have executed this MOU on the date first above written.

ATTEST:

WATERSHED ALLIANCE OF YORK  
(WAY), INC.

Gary R. Peacock

Gary R. Peacock, Secretary

Mark Snyder

Mark Snyder, President

West Manchester Township  
Municipality

Jon V. Bubb

Name: Jon V. Bubb

Title: Chairman, Board of Supervisors

[Signature]  
, Secretary

**WEST MANCHESTER TOWNSHIP**  
**York County, Pennsylvania**

**RESOLUTION 2010 - 27**

**A RESOLUTION RENEWING THE MEMORANDUM OF UNDERSTANDING  
BETWEEN THE WATERSHED ALLIANCE OF YORK AND WEST  
MANCHESTER TOWNSHIP**

WHEREAS, the attached Memorandum of Understanding ("MOU") is by and between West Manchester Township and the Watershed Alliance Of York, Inc. ("WAY"); and

WHEREAS, this Memorandum of Understanding is being renewed as part of the above referenced relationship and in recognition of the Municipality's need to comply with certain ongoing requirements of the Pennsylvania Department of Environmental Protection MS4 Stormwater General Permit; and

WHEREAS, WAY wishes to provide assistance to West Manchester Township for stormwater education and cooperation as required by the MS4 Stormwater General Permit.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of West Manchester Township that the Memorandum of Understanding between West Manchester Township and Watershed Alliance of York, Inc. is hereby renewed and approved this 24<sup>th</sup> day of June, 2010.

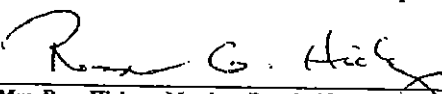
IN WITNESS WHEREOF, the Board of Supervisors in and for West Manchester Township has taken the above action at its regular meeting on Thursday, this 24<sup>th</sup> day of June, Two Thousand and Ten (2010) as documented by the signatures of the Board of Supervisors and under the official seal of the Township, all attested and certified and complete by its Secretary.

Attested and Certified True and Correct      West Manchester Township Board of Supervisors

  
Kelly R. Kelch, Township Secretary

By:   
Mr. Jon V. Bubb - Chairman, Board of Supervisors

By: \_\_\_\_\_  
Mr. Dave Market- Vice Chairman, Board of Supervisors

By:   
Mrs. Rosa Hickey - Member, Board of Supervisors



## YORK COUNTY PLANNING COMMISSION

28 EAST MARKET STREET, YORK, PENNSYLVANIA 17401

TELEPHONE: (717) 771-9870 FAX: (717) 771-9511

[www.ycpc.org](http://www.ycpc.org)

July 2, 2013

Dear Municipal Official,

The York County TMDL Workgroup, which consists of local stakeholders, including representatives of the York County Planning Commission (YCPC), York County Conservation District (YCCD), PA Department of Environmental Protection (PA DEP), watershed organizations, law firms, engineering firms, and municipalities, formed with a mission to clean up the County's impaired waters. To accomplish its mission, the Workgroup has developed a, soon to be released, York County Watershed Implementation Plan (York County WIP). The Plan provides a strategy for the County to best accomplish progress towards improving its waters and likewise make progress toward meeting its draft planning targets for pollution reduction that were identified in the Pennsylvania Chesapeake Bay Watershed Implementation Plan (PA WIP).

One of the key strategies recommended in the York County WIP is to develop a regional Chesapeake Bay Pollution Reduction Plan (CBPRP). In the opinion of the Workgroup, a regional CBPRP would be the most effective in reducing the highest amount of pollutants for the least amount of cost to improve the County's waters. The PA DEP recently emphasized its support for a regional CBPRP in a presentation given to municipalities at the YCPC Water Planning Workshop held on May 22<sup>nd</sup>. It has also given the YCPC staff considerable encouragement to move forward with this strategy.

**As one of the 43 MS4 municipalities in York County, I am sure you are aware of your obligation to prepare and submit a CBPRP to PA DEP within one (1) year of receiving your NPDES Stormwater Permit (aka MS4 Permit).** Thus, the YCPC is seeking your participation in the development and implementation of a regional CBPRP to not only help York County meet its goals to clean up impaired waters, but also to assist MS4 municipalities, including the County, in meeting its CBPRP obligation. Through a technical assistance grant from the Chesapeake Bay Foundation, Inc., the YCPC will work with the Center for Watershed Protection (CWP) and participating municipalities to develop the regional Plan at no cost to the municipalities. This would result in municipal savings that could be directed toward implementing the regional best management practice projects identified in the Plan.

At this point, we are seeking your **non-binding** participation in the Plan development process; there will be a more formal opt in/opt out process once a Draft Plan is completed. Also, it is important to note that the PA DEP has stated that it will work with the participating municipalities to accommodate the varying deadlines to meet the CBPRP requirement based on the different permit issuance dates, and will be a partner in developing the Plan.

We anticipate that a Kick Off Meeting for the regional CBPRP will be held late August or early September to inform participating municipalities of the scope of work, provide answers to local concerns, and establish a steering committee. We look forward to your participation in this new initiative for the benefit of your municipality, as well as the County.

**If you are interested in participating in development of the regional CBPRP, please complete the attached form with your municipal information and follow the return instructions at the bottom of the page.** Should you have any questions, please do not hesitate to contact me.

Sincerely,

Felicia Dell, AICP  
Director

TERRY L. DUNLAP, CHAIRMAN • WALTER A. KUHL, VICE CHAIRMAN • MARY E. COBLE, SECRETARY • BRIAN BRENNEMAN, TREASURER  
KEVIN E. CLARK • JOSHUA GEORGE • JOHN E. PARKES • JEFF PROPPS • JOHN C. MENGES, II  
FELICIA S. DELL, DIRECTOR • JEFFREY L. REHMEYER II, SOLICITOR

445

EQUAL OPPORTUNITY EMPLOYER

## REGIONAL CHESAPEAKE BAY POLLUTION REDUCTION PLAN PARTICIPATION FORM

Please complete the form as appropriate for your municipality.

WEST MANCHESTER TOWNSHIP will participate in the development of a  
Name of Municipality

Regional Chesapeake Bay Pollution Reduction Plan (CBPRP) that will:

- Meet my MS4 Permit requirement to develop and submit a CBPRP to PA DEP w/i 12 months
- Save my municipality the expense of developing an individual municipal CBPRP
- Include a schedule of BMPs that my municipality can implement in partnership with other municipalities through cost-sharing measures
- Provide an annual reporting mechanism to show my municipal progress in reducing pollutants to local waterways

Our contact person will be:

Name: ZANE Williams / VICKI AYCOCK  
MS4 COORDINATOR TWP. ENGINEER

E-mail: ZWILLIAMS@WESTMANCHESTERTOWNSHIP.COM / VAYCOCK@dawood.cc

Phone: 717/792-3505 / 717-732-8576 Ext. 1437

We are not interested in participating because our municipality has received a Permitwaiver:

\_\_\_\_\_  
Name of Municipality

Please return form no later than July 26, 2013 to:

Lindsay Gerner, Senior Planner  
York County Planning Commission  
28 East Market Street  
York, PA 17401

Fax: 771-9511

E-mail: [lgerner@ycpc.org](mailto:lgerner@ycpc.org)

## **NEW BMP'S**

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# BMP Installation Inspection Report

# West Manchester Township, York County, PA

Address of BMP: 2377 Maple

Date: 1-23-13

**Subdivision/Project:**

Contact (Owner, Management Co. HOA): Teff Spangler

Mailing Address: SAME

Phone: \_\_\_\_\_

**Email:**

Contractor/Installer: Deller

Type of BMP: Bio-retention

Weather: clear & cold

Date of Installation: 1-22-13

Building/Zoning Permit Number: 1525-12

Installation Requirements (from permit) 4'x1'x40' trench @ back of yard -  
filled w/ amended soil

Located In Accordance with Plan/Permit:

Width: 4' Depth: 1 Length: 40' Volume: 160'

Distance from building: \_\_\_\_\_

Stone Material: 5-13-257

Soil Mixture: will submit

Fabric in place: N/A

Comments:

Eschbaugh is mixing the amended soil together - 5 tons top soil 3 tons sand 2 tons fine shredded mulch.

Inspector: M Love

Signature: Monica Live



BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2445 Church Rd Date: 2/4/13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Lindsey Conde

Mailing Address: 2445 Church Rd Phone: \_\_\_\_\_  
York PA 17406 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: Stone seep bed Weather: cold-clear-sunny

Date of Installation: 2/1/13 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) clean 2B stone  
17' x 4" x 3/4" = 190cf

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 16 Depth: 4" Length: 28.5 Volume: 185cf

Distance from building: 12'

Stone Material: clean 2B Soil Mixture: N/A Fabric in place: unknown

Comments: But 6x6 timbers hold stone in place

Inspector: M Love

Signature: Monica Love

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2015 Wirth St. Date: 2/11/13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Alexandro Dominguez

Mailing Address: 2015 Wirth St Phone: \_\_\_\_\_  
York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: self

Type of BMP: Stone Seepage bed Weather: overcast - 45-50°

Date of Installation: 2/9 - 2/10 Building/Zoning Permit Number: 25377

Installation Requirements (from permit) 8x11 shed - 8x13 stone or 10x11 stone  
35sf Req'd

Located In Accordance with Plan/Permit: yes

Width: 10 Depth: 14" Length: 18' Volume: 60sf

Distance from building: 30'

Stone Material: clean 2B Soil Mixture: N/A Fabric in place: yes - \*

Comments: \* plastic fabric used - Homeowner will poke holes.

Inspector: Monica Love

Signature: Monica Love

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1740 Roosevelt Ave Date: 3/18/13  
Subdivision/Project: Dairy Green  
Contact (Owner, Management Co. HOA): Aileen Schmitz  
Mailing Address: 753 Aslan Ct Phone: 717-654-7339  
York PA 17404 Email: DOLady91@yahoo.com  
Contractor/Installer: Fox's Country Sheds  
537 E. 28th Division Hwy Lititz  
Type of BMP: Seepage bed Weather: cold/cloudy  
Date of Installation: 3/10 Building/Zoning Permit Number: 25369  
Installation Requirements (from permit) 4" thick clean 2B stone  
12' x 14'  
Located In Accordance with Plan/Permit: yes  
Width: 12 Depth: 4" Length: 14 Volume: 55.44 CF  
Distance from building: ± 20'  
Stone Material: 2B Soil Mixture: N/A Fabric in place: yes  
Comments: clean 2B - evenly distr. - level install

Inspector: M Lovel

Signature: Maria Love

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 770 WELDON Dr. Date: 4-16-13

Subdivision/Project: ORION WEST

Contact (Owner, Management Co. HOA): Barry UPDEGRAPH (CONTRACTOR)  
OWNER JAMES PARKER

Mailing Address: 770 WELDON Dr. Phone: 717-577-7720

York PA 17404 Email: \_\_\_\_\_

Contractor/Installer: Barry UPDEGRAPH

Type of BMP: SEEPAGE TRENCH Weather: CLOUDY

Date of Installation: 4-16-13 Building/Zoning Permit Number: 1325403

Installation Requirements (from permit) <sup>187</sup> 252 SQ. Ft. <sup>21'</sup> 3x3x28 or <sup>32'</sup> 2x3x42  
PATIO IS ONLY 374 SQ. Ft. (17x22)

Located In Accordance with Plan/Permit: YES - AS SHOWN

Width: 4' Depth: 2.0' Length: 23' Volume: 184

Distance from building: 17'

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Inspector: ZANE WILLIAMS

Signature: *Zane Williams*

# BMP Installation Inspection Report

West Manchester Township, York County, PA

Address of BMP: 5090 Goldens Path Date: 4/17/13  
Subdivision/Project: Golden Tract West  
Contact (Owner, Management Co. HOA): Scott & Christine Sides  
Mailing Address: 5090 Goldens Path Phone: \_\_\_\_\_  
York PA 17408 Email: \_\_\_\_\_  
Contractor/Installer: J. Leedy Excavation

Type of BMP: sep. trench Weather: Sunny - warm.  
Date of Installation: 4/17/13 Building/Zoning Permit Number: 1325409  
Installation Requirements (from permit) 1140' of total - 600 @ ea.  
end of court  
Located In Accordance with Plan/Permit: \_\_\_\_\_  
Width: 5' Depth: 3' Length: 40' Volume: 600  
Distance from building: +30  
Stone Material: #4 Soil Mixture: N/A - Fabric in place: yes  
Comments: - contractor mentioned fence @ far end  
of court - amended permit needed.

2nd inspection

Final inspection ref J.

Inspector: Monica Lok

Signature: Monica Lok

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 81 LINCOLNWAY Dr. Date: 4-22-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): STEWART Graybill

Mailing Address: 81 LINCOLNWAY Dr. Phone: 717-792-0264

Email: STWgray@AOL.com

Contractor/Installer: Self

Type of BMP: SEEPAGE BED Weather: SUNNY 47°

Date of Installation: 4-22-13 Building/Zoning Permit Number: 25406

Installation Requirements (from permit) SEEPAGE BED 13' X 22' X 4"

Located In Accordance with Plan/Permit: AS PER PLAN

Width: 13' Depth: 22' Length: 4' Volume: 94 CF

Distance from building: 22'

Stone Material: ZB Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: SEEPAGE BED COVERED WITH FILTER FABRIC - VERIFIED  
STONE WAS INSTALLED. 4"X4" AND 2"X4" SURROUND BED AREA.  
BED NOT Level.

Inspector: ZANE Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1800 EMERALD AVE Date: 4-24-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): MAX KLINEFELTER

Mailing Address: 1800 EMERALD AVE Phone: 324-1968

York Pa 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE TRENCH Weather: SUNNY 70°

Date of Installation: 4-24-13 Building/Zoning Permit Number: 1325444

Installation Requirements (from permit) 282 CF of SEEPAGE TRENCH 2'x3'x47'

Located In Accordance with Plan/Permit: YES - CHANGE Shape AND LOC.

Width: 4' Depth: 2' Length: 40' Volume: 320 CF

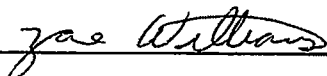
Distance from building: 6'

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: TRENCH DUG AND FABRIC IN PLACE.

NO STONE ON SITE.

Inspector: ZANE Williams

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1800 EMERALD AVE Date: 4-24-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): MAX KLINEFELTER

Mailing Address: 1800 EMERALD AVE Phone: 324-1968

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE TRENCH Weather: SUNNY 70°

Date of Installation: 4-24-13 Building/Zoning Permit Number: 1325444

Installation Requirements (from permit) 282 CF of SEEPAGE TRENCH 2'x3'x47'

Located In Accordance with Plan/Permit: YES - CHANGE SHAPE AND LOC.

Width: 4' Depth: 2' Length: 40' Volume: 320 CF

Distance from building: 6'

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: TRENCH DUG AND FABRIC IN PLACE.

NO STONE ON SITE.

Inspector: ZANE Williams

Signature: Zane Williams



BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2110 THAMES AVE Date: 4-25-13  
Subdivision/Project: \_\_\_\_\_  
Contact (Owner, Management Co. HOA): BARRY STROCK  
Mailing Address: 2110 THAMES AVE Phone: 717-764-4457  
YORK PA 17408 Email: STROCKX4@AOL.COM  
Contractor/Installer: PENN DUTCH STRUCTURES  
717-227-3841  
Type of BMP: SERPAGE Bed Weather: SUNNY 60°  
Date of Installation: ? Building/Zoning Permit Number: 25271  
Installation Requirements (from permit) SERPAGE Bed  
\_\_\_\_\_  
Located In Accordance with Plan/Permit: YES  
Width: 12' Depth: 6" Length: 15' Volume: 82.5 CF  
Distance from building: +35'  
Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES  
Comments: 10'x4'  
INSTALLED SHED ON SERPAGE BED WITH 6"x6"  
LANDSCAPE BOARDS AROUND PERIMETER-  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Inspector: ZANE WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 4315 W. MARKET ST. Date: 4-26-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Teresa Grove

Mailing Address: 4315 W. MARKET ST. Phone: 717-870-7414

Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: 230 SF BIORETENTION Weather: SUNNY 70°

Date of Installation: 4-26-13 Building/Zoning Permit Number: 1325399

Installation Requirements (from permit) 230 SF BIORETENTION AREA

Located In Accordance with Plan/Permit: YES

Width: 16' Depth: 1' Length: 16' Volume: 256 SF

Distance from building: +15'

Stone Material: NA Soil Mixture: From Ashbach Fabric in place: NA  
MULCH

Comments: INSTALLED PAVING AS PER PLAN AND BIO

RETENTION AREA 16'x16' - 256 SF.

SOIL MIXTURE FROM ASHBACH MULCH

Inspector: ZANE WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2560 Brookmar Dr. Date: 4-26-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): MICHAEL FOX

Mailing Address: 2560 Brookmar Dr. Phone: 880-1246

York Pa. 17404 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEBPAGE Bed Weather: Sunny 70°

Date of Installation: 4-26-13 Building/Zoning Permit Number: 1325458

Installation Requirements (from permit) 4' - 16' x 12' SEBPAGE BED 40 SF

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 12 Depth: 4" Length: 12 Volume: 47.5

Distance from building: +30'

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: INSTALLED 12' x 12' SEBPAGE BED FOR 10 x 10 Shed.  
HAD FABRIC IN PLACE

Inspector: ZANE W. Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1444 Greenmeadow Dr. Date: 4-29-13

Subdivision/Project: LITTLE Creek

Contact (Owner, Management Co. HOA): MATHEW BAHORIC

Mailing Address: 1444 Greenmeadow Dr. Phone: 717-767-0390

York PA 17408 Email: mbahoric@comcast.net

Contractor/Installer: Self

Type of BMP: Subpave Bed Weather: 50° Drizzle

Date of Installation: 4-29-13 Building/Zoning Permit Number: 1325448

Installation Requirements (from permit) 8' x 8' x 4" ZB Stone

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 8' Depth: 4" Length: 10' Volume: 26 SF

Distance from building: 45'

Stone Material: ZBS Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: INSTALLED 8x10x4" Stone Subpave Bed.

6' OFF SIDE R AND 30' FROM Rear R.

NO Shed yet.

Inspector: ZANE Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1929 Golden EAGLE Dr. Date: 5-2-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: MICHAEL THOMAS Phone: 717-792-1933

Email: \_\_\_\_\_

Contractor/Installer: Barry UPDEGRAFF  
717-792-3305

Type of BMP: SEEPAGE TRENCH Weather: SUNNY 70°

Date of Installation: 5-2-13 Building/Zoning Permit Number: 1325454

Installation Requirements (from permit) 144 CF SEEPAGE TRENCH

Located In Accordance with Plan/Permit: YES

Width: 4' Depth: 2.5' Length: 14.5' Volume: 145

Distance from building: 18'

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: \_\_\_\_\_

Comments: SEEPAGE TRENCH 4'X2.5'X14.5 INSTALLED For PATIO  
Filled with ZB'S. INSTALLED AT EDGE OF PATIO TOWARDS  
GARAGE.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2460 WYNDHURST CT. Date: 5-6-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JOHN TRIMMER

Mailing Address: 2460 WYNDHURST CT. Phone: 717-825-3147

YORK PA 17408 Email: JOHNCTRIMMER@VERIZON.NET

Contractor/Installer: C. J. Doudrick

717-846-7112

Type of BMP: SEEPAGE TRENCH Weather: CLOUDY 50°

Date of Installation: 5-6-13 Building/Zoning Permit Number: 1325440

Installation Requirements (from permit) 128 CF

Located In Accordance with Plan/Permit: YES

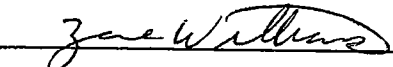
Width: 23" Depth: 2.5' Length: 24 Volume: 135

Distance from building: 12'

Stone Material: 2B'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: INSTALLED SEEPAGE TRENCH ALONG EDGE OF 12'x24'  
PATIO. Fabric in PLACE.

Inspector: ZANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2625 WINGMILLER LN. Date: 5-8-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): W. Lee WOODMANSEB

Mailing Address: 2625 WINGMILLER LN. Phone: 764-1964

YORK PA 17404 Email: WBN062LLOO@AOL.com

Contractor/Installer: PENN DUTCH STRUCTURES LLC

12025 SUSQ. TRAIL, GLEN ROCK PA 17327

Type of BMP: SEEPAGE BED Weather: CLOUDY 60°

Date of Installation: 5-8-13 Building/Zoning Permit Number: 1325478

Installation Requirements (from permit) 10' x 14' x 6"

Located In Accordance with Plan/Permit: YES

Width: 10' Depth: 6" Length: 14' Volume: 70 SF

Distance from building: +50

Stone Material: ZBS Soil Mixture: N/A Fabric in place: ? YES

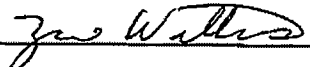
Comments: I INSTALLED SEEPAGE BED 10' x 14', BED SURROUNDED

BY 4" x 4" STONE IN PLACE. COULDN'T TELL IF

FABRIC WAS INSTALLED, OWNER CONFIRMED FABRIC

WAS INSTALLED BY CONTRACTOR

Inspector: ZANE WILLIAMS

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2719 RIDINGS WAY Date: 5-14-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): KEVIN A. MILLER

Mailing Address: 2719 RIDINGS WAY Phone: 717-792-1887

YORK PA 17408 Email: KEVIN A. MILLER@COMCAST.NET

Contractor/Installer: LOYSVILLE STRUCTURES

717-789-3266

Type of BMP: SEEPAGE BED Weather: SUNNY 60°

Date of Installation: 5-14-13 Building/Zoning Permit Number: 1325400

Installation Requirements (from permit) 4" of ZBS 11' x 18'

Located In Accordance with Plan/Permit: YES

Width: 11' Depth: 4" Length: 23' Volume: 83.5


Distance from building: 100'

Stone Material: ZBS Soil Mixture: \_\_\_\_\_ Fabric in place: ✓

Comments: INSTALLED 4" OF ZBS IN REAR OF LOT

11' X 23' For shed 10' X 16'. Fabric under STONES.

Inspector: ZANE Williams

Signature: 



BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2421 EMERALD AVE. Date: 5-23-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JAMIE WRIGHT

Mailing Address: 2421 EMERALD AVE. Phone: \_\_\_\_\_

York Pa 17408 Email: \_\_\_\_\_

Contractor/Installer: Shiloh Paving

300 CLOVERLEAF RD. YORK PA 17406

Type of BMP: SEEPAGE TRENCH Weather: CLOUDY/DRIZZLE

Date of Installation: 5-22-13 Building/Zoning Permit Number: 1325469

Installation Requirements (from permit) 2.5' x 3' x 38' TRENCH

Located In Accordance with Plan/Permit: YES

Width: 2.5' Depth: 3.0' Length: 38' Volume: 285

Distance from building: \_\_\_\_\_

Stone Material: ZBS Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED SEEPAGE TRENCH ALONG EDGE OF NEW D/W  
AS SHOWN ON PLAN.

Inspector: ZANE WILLIAMS

Signature: Joe Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 5090 Golden Path Date: 6-5-13

Subdivision/Project: Golden TRACTS WEST

Contact (Owner, Management Co. HOA): SCOTT SIDES

Mailing Address: 5090 Golden Path Phone: \_\_\_\_\_

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: J. Leedy Exc.

Type of BMP: SEEPAGE Bed Weather: SUNNY 70°

Date of Installation: 6-5-13 Building/Zoning Permit Number: 1325409

Installation Requirements (from permit) 1140 C.F. TOTAL - 600 AT EACH END  
OF COURT

Located In Accordance with Plan/Permit: YES

Width: 5' Depth: 3' Length: 40 Volume: 600

Distance from building: N/A

Stone Material: NO. 4 Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: SEEPAGE PIT INSTALLED AT END AS DEP PLANS.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2387 WARWICK RD. Date: 6-24-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): NATHAN SWARTZ

Mailing Address: 2387 WARWICK RD. Phone: \_\_\_\_\_

York PA 17404 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE BED Weather: SUNNY/hot 90°

Date of Installation: 6-24-13 Building/Zoning Permit Number: 1325545

Installation Requirements (from permit) 8'x10' shed

9'x11' seepage bed = 33 SQ.FT.

Located In Accordance with Plan/Permit: YES

Width: 10' Depth: 4" Length: 12' Volume: 40 SQ.FT.

Distance from building: N/A

Stone Material: ZBS Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Inspector: ZAUG WILLIAMS

Signature: Zoe Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2222 LOCUST LN. Date: 6-26-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): DARRYL McPHERSON

Mailing Address: 2222 LOCUST LN. Phone: 858-8060

YORK PA 17404

Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE Bed Weather: Sunny 90°

Date of Installation: 6-26-13 Building/Zoning Permit Number: 1325504

Installation Requirements (from permit) 16' x 38' x 4" = 201 SOFT Shred  
PATIO AREA IS 14' x 16' x 6" = 112 SOFT. PATIO

Located In Accordance with Plan/Permit: YES 313  
SOFT. TOTAL

Width: 14' 16' Depth: 4" Length: 54' Volume: 176 SOFT.  
38' TO FLAT AREA

Distance from building: 14

Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES

Comments: Bed is Suppose TO BE 16' WIDE!  
25 SQ.FT. Short.

\* RE INSPECTED, Bed IS 16' W x 38' AS Per PLAN.  
TAPERS TO 14' TOWARD ROAD.

6-26-13

\*\* PATIO CAN ONLY BE 14' x 16' NOT 16' x 16'.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2728 OLDS FIELD Date: 6-27-13

Subdivision/Project: Parkview EBT

Contact (Owner, Management Co. HOA): Stephen L. DICKSON

Mailing Address: 2728 OLDS FIELD Phone: 578-4896

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: TY MILLER

818-2838

Type of BMP: Bio Retention Weather: SUNNY 85°

Date of Installation: 6-27-13 Building/Zoning Permit Number: 1325404  
1325495

Installation Requirements (from permit) 115 SQFT. Bio Retention

Located In Accordance with Plan/Permit: YES

Width: 8' Depth: 1' Length: 15' Volume: 120 SQFT.

Distance from building: 5'

Stone Material: N/A Soil Mixture: \_\_\_\_\_ Fabric in place: N/A

Comments: SAND, Peat, & SOIL ON SITE TO MIX.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2310 WYNDHURST CT. Date: 6-28-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): RODNEY BRENNEMAN

Mailing Address: 2310 WYNDHURST CT. Phone: 767-5814

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: SELF / PENN DUTCH STRUCTURES

Type of BMP: Seepage bed Weather: 80° Sunny / RAIN

Date of Installation: 6-28-13 Building/Zoning Permit Number: 1325620

Installation Requirements (from permit) 14' x 20' x 4" = 92 SQFT.

Located In Accordance with Plan/Permit: YES

Width: 16' Depth: 4-6" Length: 22' Volume: 116 SQFT.

Distance from building: +75'

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: NO STONE OR FABRIC AT SITE, WILL CALL

When INSTALLED

\* 7-15-13 STONE PLACED IN AREA ZB'S.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 205 CANARY Circle Date: 7-3-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Rick Myers

Mailing Address: 205 CANARY CIRCLE Phone: \_\_\_\_\_

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: TWIN LOCUST BARNES

Type of BMP: SEEPAGE Bed Weather: 75° RAIN/CLOUDY

Date of Installation: 7-3-13 Building/Zoning Permit Number: 1325581

Installation Requirements (from permit) 10'x10'x 4" 33 SQFT.

Located In Accordance with Plan/Permit: YES

Width: 10'4" Depth: 4" Length: 11'4" Volume: 39 SQFT.

Distance from building: \_\_\_\_\_

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

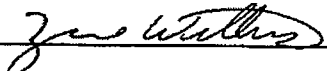
Comments: SITE EXCAVATED AND FRAMED. INSTALLING FABRIC,  
STONE AND Shed ON 7-17-13.

\* RE INSPECT when shed is IN PLACE.

\*\* SHED, FABRIC, AND STONE INSTALLED, Shed  
IS 5' FROM SIDE & REAR R'S. 7-15-13

ZDW

Inspector: ZANE Williams

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1159 RUTH ST. Date: 7-15-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 1159 RUTH ST. Phone: 717-818-2023

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE TRENCH Weather: SUNNY 90°

Date of Installation: 7-15-13 Building/Zoning Permit Number: 1325631

Installation Requirements (from permit) 1.5' x 1.5' x 12' LONG TRENCHES

Located In Accordance with Plan/Permit: YES

Width: 1.5' Depth: 1.5' Length: 12' Volume: \_\_\_\_\_

Distance from building: 3'

Stone Material: 2BS Soil Mixture: N/A Fabric in place: ✓

Comments: INSTALLED 2 SEEPAGE TRENCHES 1.5' x 1.5' x 12'

Inspector: ZANE WILLIAMS

Signature: 



BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2641 Broad St. Date: 7-17-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): STEVE + MARGARET STOVER

Mailing Address: 2641 Broad St. Phone: 650-2585

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: J.W. Paving & Sons

P.O. Box 478 ABBOTTSTOWN PA 17301

Type of BMP: SEEPAGE TRENCH Weather: SUNNY 85°

Date of Installation: 7-17-13 Building/Zoning Permit Number: 1325618

Installation Requirements (from permit) 2' x 2' x 20' SEEPAGE TRENCH

Located In Accordance with Plan/Permit: YES

Width: 2' Depth: 2' Length: 20' Volume: 80

Distance from building: +25'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: TRENCH INSTALLED ALONG REAR OF D/W.

\_\_\_\_\_

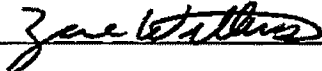
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\_\_\_\_\_

Inspector: ZANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1898 ALTLAND AVE Date: 7-18-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): BRIAN R. MILLER

Mailing Address: 1898 ALTLAND AVE Phone: 848-4207

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: TR HOFFMAN PAVING & HAULING

1790 STOVERSTOWN RD., SPRINGGROVE PA 17362

Type of BMP: SEEPAGE TRENCH Weather: SUNNY 90°

Date of Installation: 7-18-13 Building/Zoning Permit Number: 1325616

Installation Requirements (from permit) 6" x 6" x 36' = 18 SQ.FT.

Located In Accordance with Plan/Permit: YES

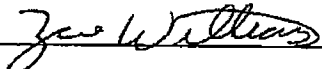
Width: 6" Depth: 6" Length: 36' Volume: 18 SQ.FT.

Distance from building: 10'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLAN.

Inspector: ZANE WILLIAMS

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2020 White St. Date: 7-24-13

Subdivision/Project: Gene KESSLER

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 2020 White St Phone: 792-0472

Email: \_\_\_\_\_

Contractor/Installer: Steve Dellinger

252-2789

Type of BMP: SEEPAGE TRUNCH Weather: CLOUDY 80°

Date of Installation: 7-24-13 Building/Zoning Permit Number: 1325559

Installation Requirements (from permit) 18" x 15" x 465' = 162.75

Located In Accordance with Plan/Permit: YES

Width: 18" Depth: 15" Length: 465' Volume: 162.75

Distance from building: \_\_\_\_\_

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: INSTALLED AS Per PLANS

Inspector: ZANE Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2911 SPARROW DR Date: 7-25-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Brian T. Gibbs

Mailing Address: 2911 SPARROW DR. Phone: 586-2084

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: CRIASMORE CONSTRUCTION

Type of BMP: SEEDAGE PIT Weather: SUNNY 78°

Date of Installation: 7-25-13 Building/Zoning Permit Number: 1325637

Installation Requirements (from permit) 7' x 8' x 2' = 112 CF 93 CF req.

Located In Accordance with Plan/Permit: YES - AS Per PLAN

Width: 7' Depth: 3' - 2' of STONE Length: 8' Volume: 112 CF

Distance from building: 18'

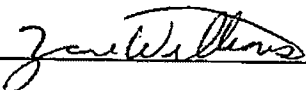
Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES

Comments: Built AS Per PLANS.

Inspector: ZANE Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 103 WINSTON DR. Date: 7-30-13  
Subdivision/Project: Valerie Violante  
Contact (Owner, Management Co. HOA): ✓ Churchill MANOR  
Mailing Address: 103 WINSTON DR. Phone: 818-0123  
York Pa 17408 Email: \_\_\_\_\_  
Contractor/Installer: Private Paradise Const.  
717-840-2696  
Type of BMP: Seepage Bed Weather: Sunny 80°  
Date of Installation: 7-30-13 Building/Zoning Permit Number: 1325648  
Installation Requirements (from permit) STONE AREA 4" THICK ZB'S  
WITH 1" SPACING BETWEEN STONES  
Located In Accordance with Plan/Permit: YES  
Width: 14' Depth: 4" Length: 16' Volume: 74 SQ. FT.  
Distance from building: 18'  
Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES  
Comments: STONE AREA OBLONG IN SHAPE AS SHOWN  
ON PLAN  
\* LARGE STONES PLACED WITH +1" SPACING  
BETWEEN. 8-6-13 ZW  
  
  
Inspector: ZANE WILLIAMS  
  
Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2686 SUNSET LN. Date: 8-6-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): RODNEY L. Schrum

Mailing Address: 2686 SUNSET LN. Phone: 309-1237

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: Seepage Trench Weather: 70° CLOUDY

Date of Installation: 8-6-13 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) 1' x 1.5' x 12' SEEPAGE TRENCH

Located In Accordance with Plan/Permit: YES

Width: 1' Depth: 1.5' Length: 12 Volume: 18 SQ.FT.

Distance from building: 20'

Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLAN.

Inspector: ZANE W. Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2017 ORANGE ST. Date: 8-6-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): DAVID L. LAUBER

Mailing Address: DAVID L. LAUBER Phone: ~~772~~ 318-5404

2017 ORANGE ST. Email: \_\_\_\_\_

Contractor/Installer: PINE CREEK STRUCTURES

792-2340

Type of BMP: SEEPAGE BED Weather: CLOUDY 70°

Date of Installation: 8-6-13 Building/Zoning Permit Number: 1325684

Installation Requirements (from permit) Seepage bed 288 (12x24=288)

Located In Accordance with Plan/Permit: YES

Width: 14' Depth: 4" Length: 25' Volume: 115.5 SQ.FT.

Distance from building: +50'

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: SEEPAGE BED IS 5' FROM REAR & SIDE PL'S.  
Shed will be 6'

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 3190 RIDINGS WAY Date: 8-7-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): DARRYL J. MILLER

Mailing Address: 3190 RIDINGS WAY Phone: 792-2047

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: A-1 PAVING

292-3470

Type of BMP: SEEPAGE TRENCH Weather: 70° cloudy

Date of Installation: 8-7-13 Building/Zoning Permit Number: 1325682

Installation Requirements (from permit) 194 CF

Located In Accordance with Plan/Permit: YES

Width: 2' Depth: 2.25' Length: 43 Volume: 215

Distance from building: 5'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED WITH OUT INSPECTION.

DEPTH VERIFIED BY OWNER AND FABRIC.

Inspector: ZANE Williams

Signature: Zane Williams



BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 115 WINSTON DR. Date: 8-12-13  
Subdivision/Project: \_\_\_\_\_  
Contact (Owner, Management Co. HOA): Beasley MARTINELLI  
Mailing Address: 115 WINSTON DR Phone: 717-385-4909  
YORK PA 17408 Email: \_\_\_\_\_  
Contractor/Installer: DAN-TAM STAMPED CONCRETE  
717-528-7133  
Type of BMP: Seepage Trench Weather: Cloudy 80°  
Date of Installation: 8-12-13 Building/Zoning Permit Number: 1325681  
Installation Requirements (from permit) 1.5' x 1' x 65' seepage TRENCH  
Located In Accordance with Plan/Permit: YES  
Width: 1.5' Depth: 1' Length: 65' Volume: 97.5  
Distance from building: \_\_\_\_\_  
Stone Material: ZB's Soil Mixture: N/A Fabric in place: YES  
Comments: INSTALLED AS PER PLANS.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Inspector: ZANE WILLIAMS  
Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1998 WORTH ST. Date: 8-19-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): RICHARD HORMAN

Mailing Address: 1998 WORTH ST. Phone: 717-812-8419

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: Steve Dellinger

717-252-2789

Type of BMP: SEWAGE TRENCH Weather: CLOUDY 70°

Date of Installation: 8-19-13 Building/Zoning Permit Number: 1325713

Installation Requirements (from permit) 2'x2'x40' = 160 SQ FT.

Located In Accordance with Plan/Permit: YES

Width: 3' Depth: 1.5' Length: 36' Volume: 162 SQ FT

Distance from building: 10'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED ALONG EDGE OF D/W AS PER PLAN.

Inspector: Zane Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 759 Weldon Dr. Date: 8-19-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): MARK T KETIM

Mailing Address: 759 Weldon Dr. Phone: 742-3340

York PA 17408 Email: PSUKETIM@COMCAST.NET

Contractor/Installer: Michael A Conley Pond & LANDSCAPE  
717-578-2287

Type of BMP: RAIN GARDEN Weather: CLOUDY 70°

Date of Installation: 8-19-13 Building/Zoning Permit Number: 1325609

Installation Requirements (from permit) 80 SQ. FT.

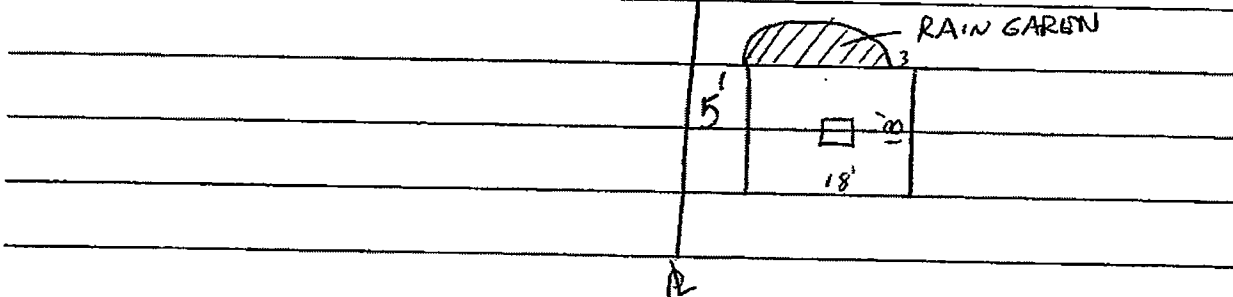
Located In Accordance with Plan/Permit: YES

Width: 5.5' Depth: 12" Length: 15' Volume: 82.5'

Distance from building: NA

Stone Material: 2B'S Soil Mixture: SAND + COMPOST Fabric in place: N/A

Comments: RAIN GARDEN INSTALLED ALONG BACK EDGE  
OF PATIO.



Inspector: ZANE Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2160 HERMAN DR Date: 9-9-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JARRED SCHWARTZ

Mailing Address: 2160 HERMAN DR Phone: 880-3046

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SUBPAGE BOD Weather: CLOUDY 65°

Date of Installation: 9-9-13 Building/Zoning Permit Number: 1325751

Installation Requirements (from permit) 10x13'5" (NEED 100 SQFT.)

Located In Accordance with Plan/Permit: YES

Width: 9.5' Depth: + 4" Length: 13'5" Volume: 127 SQFT.

Distance from building: N/A

Stone Material: ZBS Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLAN

Inspector: Zane Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2750 LOMAN Date: 9-9-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Robert TOME

Mailing Address: 2750 LOMAN Phone: 792-8812  
York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Bedrock Foundation / BXC.  
717-587-7062

Type of BMP: SEEPAGE Bed Weather: CLOUDY 70°

Date of Installation: 9-9-13 Building/Zoning Permit Number: 1325778

Installation Requirements (from permit) 10'x10' - 4" Thick

Located In Accordance with Plan/Permit: YES


Width: 10' Depth: 4" Length: 12' Volume: 120 SQ. FT.

Distance from building: +40'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS Per PLANS.

Inspector: ZANE Williams

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2172 CROYDEN RD. Date: 9-24-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): DONALD MICKLEY

Mailing Address: 2172 CROYDEN RD Phone: 764-0749

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: PMS SOLUTIONS

717-577-2998

Type of BMP: SEEPAGE BED Weather: SUNNY 65°

Date of Installation: 9-24-13 Building/Zoning Permit Number: 1325755

Installation Requirements (from permit) 12' x 10' x 4" = 39.6 SQFT.

Located In Accordance with Plan/Permit: YES

Width: 11'6" Depth: +4" Length: 12'6" Volume: 47.4 SQFT.

Distance from building: \_\_\_\_\_

Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLANS.

ZB'S UNDER DECORATIVE STONES WRAPPED IN

FILTER FABRIC.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2012 ORANGE ST. Date: 9-25-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Richard Lowe

Mailing Address: 2012 ORANGE ST Phone: 717-683-0309  
York Pa 17404 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE BED Weather: 50° Sunny

Date of Installation: 9-25-13 Building/Zoning Permit Number: 1325804

Installation Requirements (from permit) 10' x 12' x 4" = 39.6 sqft

Located In Accordance with Plan/Permit: YES

Width: 11.5' Depth: 4" Length: 15' Volume: 56.9 sqft.

Distance from building: 2'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS Per PLAN.

Inspector: ZANE Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1290 Greenwood Date: 10-1-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): William Belden

Mailing Address: 1290 Greenwood Phone: 717-792-9115  
York Pa 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE BED Weather: SUNNY 65°

Date of Installation: 10-1-13 Building/Zoning Permit Number: 1325802

Installation Requirements (from permit) 10' x 10' - 4' = 33 sqft

Located In Accordance with Plan/Permit: YES

Width: 10' Depth: 4" Length: 12 Volume: 39.6

Distance from building: 7'

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: INSTALLED AS PBR Permit.

Inspector: ZANE Williams

Signature: Zane Williams



BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2589 Date: 10-3-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): SPGN KERR

Mailing Address: 2589 W. Phila. St. Phone: 717-773-9762

Email: \_\_\_\_\_

Contractor/Installer: Yorklyn Construction Co.

755-9555

Type of BMP: RAIN GARDEN Weather: 65° Sunny

Date of Installation: 10-3-13 Building/Zoning Permit Number: 132556

Installation Requirements (from permit) 4'x7' = 28 SQ.FT.

Located In Accordance with Plan/Permit: YES

Width: 4' Depth: 1' Length: 7' Volume: 28'

Distance from building: 5'

Stone Material: N/A Soil Mixture: YES - From Fabric in place: N/A  
ESBargh

Comments: INSTALLED 4'x7' RAIN GARDEN OFF BACK/LEFT  
CORNER OF GARAGE.

Inspector: ZANE Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2959 SUNSET LN. Date: 10-4-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 2959 SUNSET LN Phone: 717-318-2832

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: JOHN PARICHUK PAVING

717-577-7329

Type of BMP: SEEPAGE PIT Weather: SUNNY 70°

Date of Installation: 10-4-13 Building/Zoning Permit Number: 1325816

Installation Requirements (from permit) 10' X 10' X 3' = 300 SQ FT.

Located In Accordance with Plan/Permit: YES

Width: 10' Depth: 3.5' Length: 10' Volume: ~~300~~ 350 SQ FT.

Distance from building: N/A

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED PIT TO LEFT OF PROPOSED D/W.

PIT WAS 4' DEEP

Inspector: ZANE W. WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1832 MARIGOLD Date: 10-17-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Bell PLUS Dev. Corp.

Mailing Address: 160 S. George St Phone: 845-7417

York Pa 17403 Email: \_\_\_\_\_

Contractor/Installer: WASHINGTON & DOWNING

845-7417

Type of BMP: SEEPAGE TRENCH Weather: CLOUDY / 65°

Date of Installation: 10-17-13 Building/Zoning Permit Number: 1325 835

Installation Requirements (from permit) 80 CF SEEPAGE TRENCH

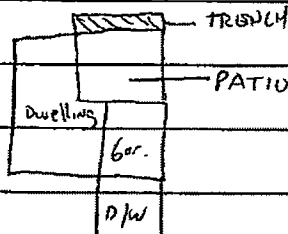
Located In Accordance with Plan/Permit: YES

Width: 2' Depth: 2' Length: 21 Volume: 84 CF

Distance from building: 1'

Stone Material: 3BS Soil Mixture: ✓ Fabric in place: ✓

Comments: INSTALLED 2' X 2' TRENCH ALONG EDGE OF  
PATIO.



Inspector: ZANE Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 30 SUSSEX CIRCLE Date: 10-23-13

Subdivision/Project: MARBROOK

Contact (Owner, Management Co. HOA): William Lawver

Mailing Address: 30 SUSSEX CIRCLE Phone: 542-1874  
YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: HANDOVER BLOC SYSTEM  
717-624-4800

Type of BMP: SEEPAGE PIT Weather: SUNNY 50°

Date of Installation: 10-23-13 Building/Zoning Permit Number: 1325782

Installation Requirements (from permit) 270 C.F.

Located In Accordance with Plan/Permit: YES

Width: 10 Depth: 3 Length: 10 Volume: 300

Distance from building: 10'

Stone Material: 4B'S Soil Mixture: \_\_\_\_\_ Fabric in place: ☒

Comments: STONES IN DUMP TRUCK, PIPE FOR PIT  
ON-SITE ALSO.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 4710 DARLINGTON Date: 10-24-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): DAVID BLECHERTAS

Mailing Address: 4710 DARLINGTON Phone: \_\_\_\_\_

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: TWIN LOCUST BARNS

30 HERR RD. New Providence PA 17560

Type of BMP: SEEPAGE Bed Weather: CLOUDY 45°/50°

Date of Installation: 10-24-13 Building/Zoning Permit Number: 1325820

Installation Requirements (from permit) 1' PASTED DRIP LINE

Located In Accordance with Plan/Permit: YES

Width: 14' Depth: 4" Length: 18" Volume: 83 CF

Distance from building: N/A

Stone Material: ZB'S Soil Mixture: N/A Fabric in place: \_\_\_\_\_

Comments: NO FABRIC

Shed 12'x16'

Inspector: ZANE W. Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2585 SLATEHILL RD Date: 10-24-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JOSEPH RODNEY Jr.

Mailing Address: 2585 SLATEHILL RD Phone: \_\_\_\_\_  
York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: OUTHOUSE STORAGE  
1251 WALLACE ST. YORK PA 17408

Type of BMP: SEEPAGE Bed Weather: CLOUDY 50°

Date of Installation: 10-24-13 Building/Zoning Permit Number: 1325850

Installation Requirements (from permit) 12' x 15' - 4" = 59.4 CF

Located In Accordance with Plan/Permit: YES

Width: 12' Depth: 4" Length: 15' Volume: 59.4 CF

Distance from building: N/A

Stone Material: ZBS Soil Mixture: N/A Fabric in place: YES

Comments: \_\_\_\_\_

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2610 Church RD Date: 10-28-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): MANUEL F UBERTS

Mailing Address: 2610 Church RD. Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SURFACE TRENCH Weather: SUNNY 40°

Date of Installation: 10-28-13 Building/Zoning Permit Number: 1325 885

Installation Requirements (from permit) 2' x 1.5' x 45' = 135

Located In Accordance with Plan/Permit: YES

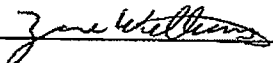
Width: 2' Depth: 1.5' Length: 45' Volume: 135

Distance from building: 12'

Stone Material: 2B'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: \_\_\_\_\_

Inspector: ZANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2015 Thelon Date: 11-4-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): RYAN SMITH

Mailing Address: 2015 Thelon Phone: 717-324-5708

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE Bed Weather: 40° cloudy

Date of Installation: 11-4-13 Building/Zoning Permit Number: 1325766

Installation Requirements (from permit) 6" AROUND PERIMETER AND 6" UNDER  
PATIO

Located In Accordance with Plan/Permit: YES

Width: 16 Depth: 6-12" Length: 28 Volume: N/A 6" AROUND PERIMETER

Distance from building: N/A

Stone Material: ZBS Soil Mixture: N/A Fabric in place: YES

Comments: \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Inspector: ZANE Williams

Signature: Zane Williams



**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1340 POPLARS Date: 11-6-13

Subdivision/Project: TIM SMITH

Contact (Owner, Management Co. HOA): TIM SMITH

Mailing Address: 1340 POPLARS RD. Phone: 717-881-1232

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: SELF

Type of BMP: SURFACE Bed Weather: CLOUDY / 45°

Date of Installation: 11-6-13 Building/Zoning Permit Number: 1325863

Installation Requirements (from permit) 14' x 28'

Located In Accordance with Plan/Permit: YES

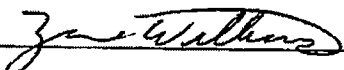
Width: 14' Depth: 4' Length: 28' Volume: 129 cu ft.

Distance from building: 30'

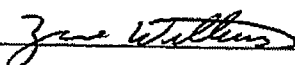
Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLAN.

Inspector: ZANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2815 Barton Circle Date: 11-9-13  
Subdivision/Project: Little Creek  
Contact (Owner, Management Co. HOA): ERIK WENTZ  
Mailing Address: 2815 Barton Circle Phone: 318-0868  
Dover, PA 17315 Email: \_\_\_\_\_  
Contractor/Installer: Pine Creek Structures  
717-646-0771  
Type of BMP: SEEPAGE Bed Weather: Sunny 45°  
Date of Installation: 11-9-13 Building/Zoning Permit Number: 1325849  
Installation Requirements (from permit) 16' x 32' x 4" = 169  
Located In Accordance with Plan/Permit: YES  
Width: 16' Depth: 4' Length: 33' Volume: 174  
Distance from building: 10'  
Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES  
Comments: INSTALLED AS PER PLAN.  
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\_\_\_\_\_  
\_\_\_\_\_  
Inspector: ZANE Williams  
Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1450 SADDLEBACK Date: 11-12-13

Subdivision/Project: Wellington Greens

Contact (Owner, Management Co. HOA): TOM TRAINER

Mailing Address: 1450 SADDLEBACK RD Phone: 717-792-1657  
YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: HERITAGE LAWN & LANDSCAPE INC  
717-292-9994

Type of BMP: SUBPAGE bed Weather: 40° CLOUDY

Date of Installation: 11-12-13 Building/Zoning Permit Number: 1325900

Installation Requirements (from permit) 45 S.F.

Located In Accordance with Plan/Permit: YES

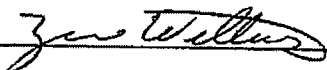
Width: 5' Depth: 6" Length: 10' Volume: 50 SF

Distance from building: 0'

Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES

Comments: PAVER PATIO WITH 6" AROUND PERIMETER  
AND 6" OF ZB'S UNDER PATIO INSTEAD  
OF TRENCH.

Inspector: ZANE WILLIAMS

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 3042 RIDINGS WAY Date: 11-18-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JOHN CHEERHAM

Mailing Address: 3042 RIDINGS WAY Phone: 792-9138

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: OWNER

Type of BMP: SURFACE BED Weather: SUNNY 50°

Date of Installation: 11-18-13 Building/Zoning Permit Number: 1325812

Installation Requirements (from permit) 8' x 16' = 425 SQ FT

Located in Accordance with Plan/Permit: \_\_\_\_\_

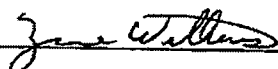
Width: 9' Depth: 4" Length: 16 Volume: 475 SQ FT.

Distance from building: 3.5'

Stone Material: ZBS Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: INSTALLED AS PER PLAN.

Inspector: ZANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2158 LOG CABIN Date: 11-18-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Roland Mason

Mailing Address: 2158 LOG CABIN RD Phone: 676-0691

York PA 17404 Email: \_\_\_\_\_

Contractor/Installer: R.R. Klingasons 266-0700

4522 N. Sherman St. Ex. Mt. Wolf PA 17347

Type of BMP: SEEPAGE PIT Weather: SUNNY 50°

Date of Installation: 11-18-13 Building/Zoning Permit Number: 1325434

Installation Requirements (from permit) 249 SQFT.

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 4' Depth: 3' Length: 23' Volume: 276 SQFT.

Distance from building: 10'

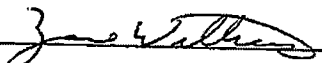
Stone Material: 4" Soil Mixture: N/A Fabric in place: ✓

Comments: INSTALLED AS PER PLAN

Inspector: ZANE Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 436 N. FOREST ST. Date: 11-19-13  
Subdivision/Project: \_\_\_\_\_  
Contact (Owner, Management Co. HOA): Kimberly KING  
Mailing Address: 436 N. FOREST ST. Phone: 747-1402  
YORK PA 17404 Email: \_\_\_\_\_  
Contractor/Installer: BLM CONSTRUCTION  
3831 CONEWAGO RD Plover 17315  
Type of BMP: RAIN Barrel Weather: SUNNY 50°  
Date of Installation: 11-19-13 Building/Zoning Permit Number: 1325837  
Installation Requirements (from permit) RAIN Barrel  
\_\_\_\_\_  
Located In Accordance with Plan/Permit: YES  
Width: N/A Depth: N/A Length: N/A Volume: 50 gal  
Distance from building: N/A  
Stone Material: N/A Soil Mixture: N/A Fabric in place: N/A  
Comments: INSTALLED RAIN Barrel AT RIGHT FRONT  
CORNER OF PORCH.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Inspector: ZANIS Williams  
Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 10 EVERGREEN LN. Date: 11-22-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): SUSAN GARRETT

Mailing Address: 10 EVERGREEN LN. Phone: 792-2404  
YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: R. JAYS  
1550 POPLARS RD. YORK PA 17408

Type of BMP: RAIN GARDEN Weather: CLOUDY 50°

Date of Installation: 11-22-13 Building/Zoning Permit Number: 1325552

Installation Requirements (from permit) 70 SQFT.

Located In Accordance with Plan/Permit: YES

Width: 2' Depth: 1' Length: 36' Volume: 72'

Distance from building: 1'

Stone Material: N/A Soil Mixture: \_\_\_\_\_ Fabric in place: N/A

Comments: INSTALLED AS PER PLANS.

\* WILL PROVIDE RECEIPT FOR SOIL MIXTURE -  
NOT ON SITE.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1475 HUNTLEY CT. Date: 12-3-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): DIANE (H. H.) Baker

Mailing Address: 1475 HUNTLEY CT. Phone: 717-650-085  
YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: SELF

Type of BMP: SURFACE Bed Weather: CLOUDY 45°

Date of Installation: 12-3-13 Building/Zoning Permit Number: 1325767

Installation Requirements (from permit) STONE WITH PAVERS 1" CAPS

Located In Accordance with Plan/Permit: YES

Width: 2' Depth: 4" Length: 10' Volume: \_\_\_\_\_

Distance from building: 3'

Stone Material: RIVER STONE Soil Mixture: N/A Fabric in place: 2

Comments: INSTALLED PAVERS WITH 5" SPACING BETWEEN  
STONES.

Inspector: ZANE W. Williams

Signature: Zane Williams



**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1840 LILAC RD. Date: 12-3-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): John Shaw

Mailing Address: 1840 LILAC RD Phone: 764-8469

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Glick Woodworks

717-653-6523

Type of BMP: seepage bed Weather: cloudy 56°

Date of Installation: 12-3-13 Building/Zoning Permit Number: 1325872

Installation Requirements (from permit) 14" x 16" x 4"

Located In Accordance with Plan/Permit: YES

Width: 14' Depth: 4" Length: 17' Volume: \_\_\_\_\_

Distance from building: +50'

Stone Material: ZBS Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLAN

Inspector: Zane Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 175 MARGATE Date: 12-5-13

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): KENSON JACOBS

Mailing Address: 175 MARGATE Phone: 717-855-7792  
YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEWAGE P.T Weather: 40° CLOUDY

Date of Installation: 12-5-13 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) 10' x 13' x 5' = 650

Located In Accordance with Plan/Permit: YES

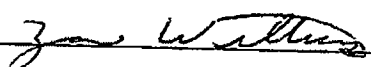
Width: 11' Depth: 5' Length: 15' Volume: 825

Distance from building: \_\_\_\_\_

Stone Material: 4'S Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: Removed Part of D/W, DIDN'T INSTALL CONC. PAD.  
4' x 7'

Inspector: JANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1900 NORMANDIE PI. Date: 1-2-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): DAVID ZORBAUGH

Mailing Address: 1900 NORMANDIE PI. Phone: 324-6367

York Pa 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SEEPAGE Bed Weather: CLOUDY 30°

Date of Installation: 1-2-14 Building/Zoning Permit Number: 1325930

Installation Requirements (from permit) 12'x18' change TO 12'x16' = 63.4

Located In Accordance with Plan/Permit: YES

Width: 12' Depth: +4" Length: 17 Volume: 67.3

Distance from building: N/A

Stone Material: ZB'S Soil Mixture: \_\_\_\_\_ Fabric in place: ✓

Comments: CHANGED Shed TO 10'x16 INSTEAD OF  
12'x18', TO FIT SITE.

Inspector: ZANE W. Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2239 LINDEN RD Date: 1-2-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JAMES ANDREW NYESTER

Mailing Address: 2239 LINDEN RD. Phone: 717-654-8756  
York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: SWPAGE Bed Weather: CLOUDY 30°

Date of Installation: 1-2-14 Building/Zoning Permit Number: 1325909

Installation Requirements (from permit) 12' x 20' x 4" = 79.2

Located In Accordance with Plan/Permit: YES

Width: 11' Depth: 4" Length: 23 Volume: 83.5

Distance from building: NA

Stone Material: 2155 Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLAN.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

**West Manchester Township**  
BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Sunny 35°

Time: 10:30

Address of BMP: 1505 FARM CROSSWAY

Location: \_\_\_\_\_ (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: LANDSCAPE AREA AROUND POOL LOOKS GOOD.

**West Manchester Township**  
BMP Inspection Form

Inspection By: 2DW

Date: 1-17-14

Weather: SUNNY 40°

Time: 10:40

Address of BMP: 1342 ASTOR DR.

Location: AROUND B-Ball CT. AND UNDER shed (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed ☒ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_  
Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input type="radio"/> No
4.	Are noxious weeds present?	Yes	<input type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input type="radio"/> No

Maintenance required: NO

Comments: Seepage TRENCH AROUND B-Ball court, seepage bed under shed.

**West Manchester Township**  
BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: SUNNY 40°

Time: 10:45

Address of BMP: 2653 JESSAMINE DR.

Location: UNDER SHED (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_  
Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: SUNNY 40°

Time: 10:55

Address of BMP: 1700 NORMANDIE DR.

Location: IN AND AROUND GARDEN AREA (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business ☒ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed \_\_\_\_\_ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_



# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1/17/14

Weather: Sunny 40°

Time: 11:00

Address of BMP: 1604 YORKTOWN DR.

Location: END of Patch (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area ☒ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: 80 SQ FT.

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

**West Manchester Township**  
BMP Inspection Form

Inspection By: ZDC

Date: 1-17-14

Weather: SUNNY 40°

Time: 11:10

Address of BMP: 1579 RODNEY RD

Location: UNDER SHED (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business ☒ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: SUNNY 40°

Time: 11:15

Address of BMP: DQ - ROOSEVELT AVE

Location: UNDER SHED (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business ☒ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount 25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: SUNNY 40°

Time: 11:30

Address of BMP: 1985 SPRING

Location: ALONG NORTH SIDE OF D/W (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Sunny 40°

Time: 11:35

Address of BMP: 2004 Church RD.

Location: Right Side of House (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area ☒ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_

Size: 2-(5'x5'x15')

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: BIO RETENTION AREAS ARE COVERED or buried  
Like A SEEPAGE PIT.

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Sunny 40°

Time: 11:45

Address of BMP: 2101 Church RD.

Location: IN STONE D/W / RT. CORNER OF GAR. (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit ☒ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount \_\_\_\_\_

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Time 11:50

Weather: SUNNY 40°

DATE 1-17-14

Address of BMP: 2445 Church RD.

Location: UNDER shed (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Cloudy 40°

Time: 12:05

Address of BMP: 2227 WALNUT BOTTOM

Location: Rear PATIO - PAVERS (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_



# West Manchester Township

## BMP Inspection Form

Inspection By: 2DW

Date: 1-17-14

Weather: CLOUDY 40°

Time: 12:10

Address of BMP: 5045 GOLDENS PATH

Location: Rear PATIO (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDLW

TIME  
Date: 12:20

Weather: CLOUDY 40

Date  
Time: 1-17-14

Address of BMP: 2435 Baker RD.

Location: ENTIRE LOT (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): SOIL

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: LITTLE BIT OF SOIL EROSION AT END OF DOWNSPOUT PIPE.

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Cloudy 40°

Time: 12:40

Address of BMP: 2878 RIDINGS WAY

Location: \_\_\_\_\_ (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount: 25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Cloudy 40°

Time: 12:45

Address of BMP: 1656 Hempfield

Location: Rear PATIO - Pavers (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Cloudy 40°

Time: 12:50

Address of BMP: 3089 QUAK C.V.

Location: Rear of DWLG. (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit ☒ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount: 25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: CLOUDY 40°

Time: 1:05

Address of BMP: 2420 Brookmar

Location: Rear Yard - under shed (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

**West Manchester Township**  
BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: 40° cloudy

Time: 1:15

Address of BMP: 2000 Thelon

Location: Rear Right COR. of DULG. (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel ☒

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: Barrel IN SIDE FENCED IN AREA, COVERED.

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: 40° Cloudy

Time: 1:30

Address of BMP: 2008 Derry RD.

Location: Rear Yard (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit ☒ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount 25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_



# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: ~~3060~~ sunny 40°

Time: 1:45

Address of BMP: 3060 EMANUEL DR.

Location: Rear (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed \_\_\_\_\_ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount: 25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Sunny 40°

Time: 1:55

Address of BMP: 1590 TAXVILLERD.

Location: Rear of Prop., Shed (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (V): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (V): Seepage Bed ☒ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (V): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount: 25"

Unusual Flow or Odor (V): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (V): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: Cloudy 40°

Time: 12:30

Address of BMP: 2330 Baker RD.

Location: Left Rear of House (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area \_\_\_\_\_ Rain Barrel ☒

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDW

Date: 1-17-14

Weather: cloudy 40°

Time: 12:15

Address of BMP: 4070 GOLDBENS PATH

Location: Rear PATIO (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business \_\_\_\_\_ Private Residence or HOA ☒ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench \_\_\_\_\_ Bio Retention Area ☒ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours ☒ > 72 hours \_\_\_\_\_ Amount .25"

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes \_\_\_\_\_ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

# West Manchester Township

## BMP Inspection Form

Inspection By: ZDC

Date: 1-20-14

Weather: cloudy 40°

Time: 10:30

Address of BMP: church RD - Shiloh Cemetery

Location: WEST SIDE OF PARKING AREA (if necessary add sketch to back)

GPS Coordinates: \_\_\_\_\_

BMP Owner (v): Township \_\_\_\_\_ Private Business ☒ Private Residence or HOA \_\_\_\_\_ Unknown \_\_\_\_\_

BMP Type (v): Seepage Bed \_\_\_\_\_ Seepage Trench ☒ Bio Retention Area \_\_\_\_\_ Rain Barrel \_\_\_\_\_

Seepage Pit \_\_\_\_\_ Other (describe): \_\_\_\_\_

Date Constructed: \_\_\_\_\_ Size: \_\_\_\_\_

Time since last rainfall (v): < 24 hours \_\_\_\_\_ > 24 hours \_\_\_\_\_ > 72 hours ☒ Amount \_\_\_\_\_

Unusual Flow or Odor (v): Yes \_\_\_\_\_ (If yes contact supervisor immediately)

Photo(s) Taken (v): No \_\_\_\_\_ Yes ☒ (attach to inspection report)

1.	Is standing water present?	Yes	<input checked="" type="radio"/> No
2.	Does water appear to be entering the BMP?	<input checked="" type="radio"/> Yes	No
3.	Has litter or debris accumulated in the BMP or contributing areas?	Yes	<input checked="" type="radio"/> No
4.	Are noxious weeds present?	Yes	<input checked="" type="radio"/> No
5.	Is there exposed soil not covered with vegetation or mulch?	Yes	<input checked="" type="radio"/> No
6.	Is there evidence of erosion?	Yes	<input checked="" type="radio"/> No
7.	Has sediment accumulated in the BMP or pretreatment area?	Yes	<input checked="" type="radio"/> No
8.	Are the inlet or outlet structures impaired?	Yes	<input checked="" type="radio"/> No
9.	Is there evidence of illicit discharge?	Yes	<input checked="" type="radio"/> No

Maintenance required: NO

Comments: \_\_\_\_\_

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 10 SUSSEX Circle Date: 3-28-14

Subdivision/Project: Jeff Keith

Contact (Owner, Management Co. HOA): ↓

Mailing Address: 10 SUSSEX Circle Phone: 717-881-5187

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Prime Paradise

717-840-2696

Type of BMP: Seepage Trench Weather: RAINY 50°

Date of Installation: 3-28-14 Building/Zoning Permit Number: 1425982

Installation Requirements (from permit) 1' WIDE TRENCH AROUND PERIMETER  
OF PAD AND PATIO

Located In Accordance with Plan/Permit: YES

Width: 1' Depth: 1' Length: ENTIRE Length Volume: \_\_\_\_\_

Distance from building: 10'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AS PER PLANS

SEE PICS.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2320 Brougher Lane Date: 4-8-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Deborah A Fuhman

Mailing Address: 2320 Brougher Phone: 764-6071  
York Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: Stone infiltration Weather: \_\_\_\_\_

Date of Installation: 4-5-14 Building/Zoning Permit Number: 1426090

Installation Requirements (from permit) 13'x14' Clean 2B stone

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 17' Depth: 4" Length: 14.5 Volume: \_\_\_\_\_

Distance from building: >50'

Stone Material: Clean 2B Soil Mixture: N/A Fabric in place: yes

Comments: heavy fabric - good construction

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Inspector: M Love

Signature: Monica Love

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2540 Slatehill Date: 4-10-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Seiders

Mailing Address: 2540 Slatehill Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor/Installer: T.R. Hoffman paving & siding

Type of BMP: Infiltration trench Weather: Sunny 36°

Date of Installation: 4-9-14 Building/Zoning Permit Number: 1325890

Installation Requirements (from permit) \_\_\_\_\_

Located In Accordance with Plan/Permit: 230cf Reg 2-

Width: 4 Depth: 5 Length: 13 Volume: 260cf

Distance from building: \_\_\_\_\_

Stone Material: Clean 2B Soil Mixture: NA Fabric in place: yes

Comments: \_\_\_\_\_

Inspector: ML

Signature: ML



**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2540 Slatehill Date: 4-10-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Seiders

Mailing Address: 2540 Slatehill Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor/Installer: T.R. Hoffman paving & siding

Type of BMP: Infiltration trench Weather: Sunny 36°

Date of Installation: 4-9-14 Building/Zoning Permit Number: 1325890

Installation Requirements (from permit) \_\_\_\_\_

Located In Accordance with Plan/Permit: 230cf Reg. I-

Width: 4 Depth: 5 Length: 13 Volume: 260cf

Distance from building: \_\_\_\_\_

Stone Material: Clean 2B Soil Mixture: NA Fabric in place: yes

Comments: \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

Inspector: M. Lark

Signature: M. Lark

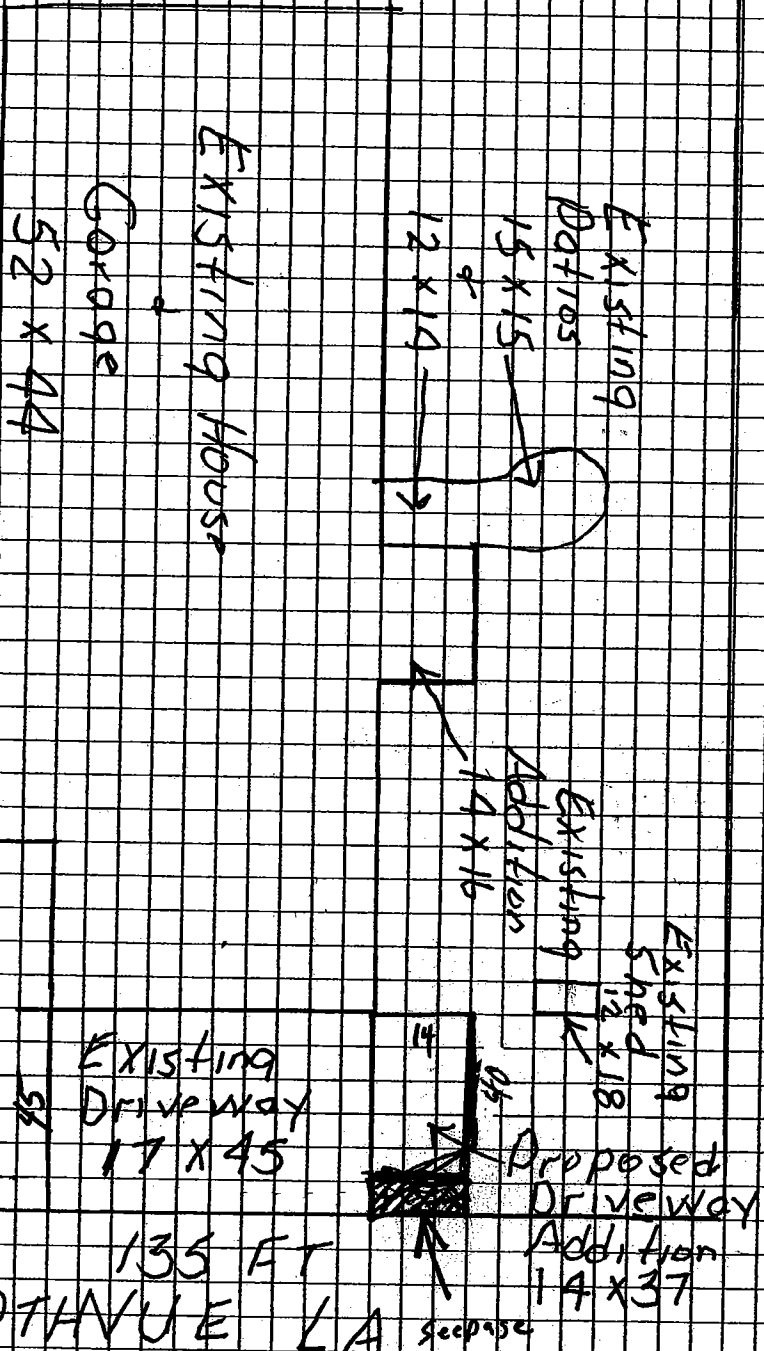
20,250 SF

3446 sq. 574 prop.

4020 20%

SLATEHILL ROAD

150 FT



Site Plan

# BMP Installation Inspection Report

West Manchester Township, York County, PA

Address of BMP: 5090 Goldens Path Date: 4/17/13

Subdivision/Project: Golden Tract West

Contact (Owner, Management Co. HOA): Scott & Christine Sides

Mailing Address: 5090 Goldens Path Phone: \_\_\_\_\_

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: J. Leedy Excavation

Type of BMP: seep. trench Weather: Sunny - warm.

Date of Installation: 4/17/13 Building/Zoning Permit Number: 1325409

Installation Requirements (from permit) 1140' of total - 600' @ ea.

end of court

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 5' Depth: 3' Length: 40' Volume: 600

Distance from building: +30

Stone Material: \*4 Soil Mixture: N/A - Fabric in place: yes

Comments: - contractor mentioned fence @ far end

of court - amended permit needed.

\_\_\_\_\_

2nd inspection

\_\_\_\_\_

Final inspection ref. 1.

\_\_\_\_\_

Inspector: Monica Loke

\_\_\_\_\_

Signature: Monica Loke

\_\_\_\_\_

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2357 Maple Rd. Date: 4-22-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Lehr

Mailing Address: 2357 Maple Rd Phone: 779-0189

Email: \_\_\_\_\_

Contractor/Installer: Adam Russ 465-0455

Type of BMP: Inf. pit Weather: Clear - warm

Date of Installation: 4-21-14 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) \_\_\_\_\_

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 10.5 Depth: 5' Pit Length: 18' Volume:  $10.5 \times 18' \times 4 = 756$

Distance from building: 10'

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: yes

Comments: Pit sized for garage and closed in  
addition

Inspector: M Love

Signature: M Love

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2357 Maple Rd. Date: 4-22-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Lehr

Mailing Address: 2357 Maple Rd Phone: 779-0189

Email: \_\_\_\_\_

Contractor/Installer: Adam Russ 465-0455

Type of BMP: Inf. pit Weather: clear - warm

Date of Installation: 4-21-14 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) \_\_\_\_\_

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 10.5 Depth: 5' Pit Length: 18' Volume:  $10.5 \times 18 \times 4 = 756$

Distance from building: 10'

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: yes

Comments: Pit sized for garage and closed in  
addition

Inspector: M Love

Signature: M Love

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 765 E Berlin Road Date: 4-23-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 765 E Berlin Rd Phone: \_\_\_\_\_

\_\_\_\_\_ Email: \_\_\_\_\_

Contractor/Installer: \_\_\_\_\_

Type of BMP: Stone Inf. Weather: overcast

Date of Installation: 4-22-14 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) Stone pad under concrete

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 7 Depth: 48 Length: 6' Volume: \_\_\_\_\_

Distance from building: @ N. side

Stone Material: 2b- Soil Mixture: \_\_\_\_\_ Fabric in place: \_\_\_\_\_

Comments: entire area surrounding pad is gravel.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Inspector: M. Love

Signature: Maria Love

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 765 E Berlin Road Date: 4-23-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 765 E Berlin Rd Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor/Installer: \_\_\_\_\_

Type of BMP: Stone Inp. Weather: overcast

Date of Installation: 4-22-14 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) Stone pad under concrete

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 7 Depth: 48 Length: 6" Volume: \_\_\_\_\_

Distance from building: @ N. side

Stone Material: 3/4" Soil Mixture: \_\_\_\_\_ Fabric in place: \_\_\_\_\_

Comments: entire area surrounding pad is gravel

Inspector: M. Love

Signature: Monica Love

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 1353 Waterbury Date: 5-2-14

Subdivision/Project: Thistledowns

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 1353 Waterbury Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor/Installer: Webster's Landscaping

Type of BMP: Inf. Keepage pit Weather: clear/cool

Date of Installation: 5/2/14 Building/Zoning Permit Number: 1426151

Installation Requirements (from permit) Aqua block drywell

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 4 Depth: ? Length: 8 Volume: 64cf leg

Distance from building: 8.5'

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: X

Comments: Aqua blocks installed in pit @ unknown depth -  
inspection port w/ standing water - bottom at least 18"  
below top of Aqua blocks -

Inspector: M Love

Signature: M Love



# BMP Installation Inspection Report

West Manchester Township, York County, PA

Address of BMP: 1470 Sunney Run Ct Date: 5/20/14  
Subdivision/Project: Wellington Greens  
Contact (Owner, Management Co. HOA): \_\_\_\_\_  
Mailing Address: 1470 Sunney Run Ct Phone: 717-676-5283  
York PA 17408 Email: \_\_\_\_\_  
Contractor/Installer: Benjamin Allison

Type of BMP: seepage trench Weather: overcast  
Date of Installation: 5/19 Building/Zoning Permit Number: 1426196  
Installation Requirements (from permit) \_\_\_\_\_

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 3'4" Depth: 2' Length: 19' Volume: 128 CF  
Distance from building: 14'

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: \_\_\_\_\_

Comments: Photos to be sent

Inspector: M Love

Signature: M. Love

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1922 Button Date: 5/20/14

Subdivision/Project: Shikh

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor/Installer: Security Fence

Type of BMP: Rain Barrels Weather: overcast

Date of Installation: 5/19/14 Building/Zoning Permit Number: 1426039

Installation Requirements (from permit) 3 rain barrels 55 gals each  
Reg - 168 GAL. 165 gal

Located In Accordance with Plan/Permit: yes

Width: \_\_\_\_\_ Depth: \_\_\_\_\_ Length: \_\_\_\_\_ Volume: \_\_\_\_\_

Distance from building: \_\_\_\_\_

Stone Material: \_\_\_\_\_ Soil Mixture: \_\_\_\_\_ Fabric in place: \_\_\_\_\_

Comments: 3 Barrels INSTALLED AT BACK CORNER OF GARAGE.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspector: M Love

Signature: Monica Love

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2790 OLDFIELD Date: 5-23-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Jeff Meckley

Mailing Address: 2790 OLDFIELD Phone: 792-5226

York Pa 17408 Email: \_\_\_\_\_

Contractor/Installer: Barry Uppenberg  
792-3305

Type of BMP: PIT Weather: SUNNY 70°

Date of Installation: 5-23-14 Building/Zoning Permit Number: 1426093

Installation Requirements (from permit) 10'x10'x4' = 400'

Located In Accordance with Plan/Permit: YES

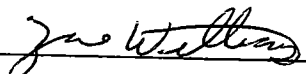
Width: 8' Depth: 5' Length: 13' Volume: 416

Distance from building: 15'

Stone Material: 4'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED PIT 3' OUT FROM NEW PATIO  
AND CONNECTED ROOF DOWNSPOUTS FROM  
GARAGE AND HOUSE.

Inspector: ZANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2080 Lemon St. Date: 5-29-14

Subdivision/Project: STITZER LEASING

Contact (Owner, Management Co. HOA): "

Mailing Address: 2080 Lemon St. Phone: 792-4611

Email: \_\_\_\_\_

Contractor/Installer: Perry Petroleum  
10231 RACCOON VALLEY RD. ICKESBURG PA. 17037

Type of BMP: SEEPAGE Bed Weather: RAINY 65°

Date of Installation: 5-29-14 Building/Zoning Permit Number: 1426145

Installation Requirements (from permit) 1' STONE AROUND PAD

Located In Accordance with Plan/Permit: YES

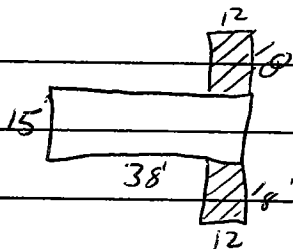
Width: 17' Depth: +6" Length: 40' Volume: \_\_\_\_\_

Distance from building: +100'

Stone Material: ZBS Soil Mixture: N/A Fabric in place: NONE

Comments: CONC PAD IS 15' x 38' ADDED 2 12' x 18'

CONC PAD'S FOR TRUCKS - DID 1' EXTRA STONE AROUND  
Them ALSO.



Inspector: ZANE Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 101 Summer House Date: 6-2-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): WM. & Sheryl Ludwig

Mailing Address: 101 SUMMER HOUSE Phone: 717-309-8424

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: MORNING STAR

792-2340

Type of BMP: Seepage bed Weather: SUNNY 75%

Date of Installation: 6-2-14 Building/Zoning Permit Number: 1426207

Installation Requirements (from permit) 11' x 16" x 4" = 58 SQ FT.

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 12 Depth: 46" Length: 14 Volume: 84 SQ FT.

Distance from building: \_\_\_\_\_

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: \_\_\_\_\_

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Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1648 ALTALAND Date: 6-3-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Karen Lucas

Mailing Address: 1648 ALTALAND AVE Phone: \_\_\_\_\_

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: Bed Rock Foundations

Type of BMP: SBPAGS Bed Weather: CLOUDY 80'

Date of Installation: 6-3-14 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) 10'x14'

Located In Accordance with Plan/Permit: YES

Width: 10 Depth: 16" Length: 14' Volume: \_\_\_\_\_

Distance from building: N/A

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED AT END OF D/W

INSTALLED PAD NEXT TO FOR FUTURE

Play house (10'x14' ALSO)

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2340 Church Rd. Date: 6-3-14

Subdivision/Project: MARSHALL WOODWARD

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 2340 Church Rd. Phone: \_\_\_\_\_

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: PINE CREEK STRUCTURES

Type of BMP: SEPARATE Bed Weather: OVERCAST 80°

Date of Installation: 6-3-14 Building/Zoning Permit Number: 1325842

Installation Requirements (from permit) 10' x 12' x 4" = 40

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 12' Depth: 4" Length: 15' Volume: 59

Distance from building: \_\_\_\_\_

Stone Material: ZBS Soil Mixture: N/A Fabric in place: YES

Comments: \_\_\_\_\_

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Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 5090 Golden Path Date: 6-5-13

Subdivision/Project: Golden TRACTS WEST

Contact (Owner, Management Co. HOA): SCOTT SIDES

Mailing Address: 5090 Golden Path Phone: \_\_\_\_\_

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: J. Leedy GXC.

Type of BMP: SEEPAGE Bed Weather: SUNNY 70°

Date of Installation: 6-5-13 Building/Zoning Permit Number: 1325409

Installation Requirements (from permit) 1140 C.F. TOTAL - 600 AT EACH END  
OF COURT

Located In Accordance with Plan/Permit: YES

Width: 5' Depth: 3' Length: 40 Volume: 600

Distance from building: N/A

Stone Material: NO. 4 Soil Mixture: \_\_\_\_\_ Fabric in place: YES

Comments: SEEPAGE PIT INSTALLED AT END AS PER PLANS.

Inspector: ZANE WILLIAMS

Signature: Zane Williams



**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2156 Golden GABLES Date: 6-10-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Graig Davis

Mailing Address: 2156 Golden GABLES Dr Phone: 487-2009

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: A.B.H. CONSTRUCTION

395 WINDSOR RD, YORK PA 17402 891-3401

Type of BMP: SWPAGE Trench with AGUA BLOX Weather: CLOUDY/RAINY

Date of Installation: 6-10-14 Building/Zoning Permit Number: \_\_\_\_\_

Installation Requirements (from permit) 9 AQUA BLOX (LARGE) (18'x16'x26.5')

Located In Accordance with Plan/Permit: YES

Width: 18" Depth: 21" Length: 20 Volume: 9 AQUA BLOX

Distance from building: \_\_\_\_\_

Stone Material: N/A Soil Mixture: N/A Fabric in place: ✓

Comments: \_\_\_\_\_

\_\_\_\_\_

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Inspector: Zane Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 3250 WOODBERRY Date: 6-12-14  
Subdivision/Project: \_\_\_\_\_  
Contact (Owner, Management Co. HOA): BERNARD ANTHONY  
Mailing Address: 3250 WOODBERRY RD Phone: 717-487-7738  
YORK PA 17408 Email: ANTHONY.DEMO@Verizon.net  
Contractor/Installer: SAME

Type of BMP: SEEPAGE Bed Weather: CLOUDY - 70°  
Date of Installation: 6-12-14 Building/Zoning Permit Number: 1325583  
Installation Requirements (from permit) \_\_\_\_\_

Drainage Area to BMP: \_\_\_\_\_

Located In Accordance with Plan/Permit: \_\_\_\_\_

Width: 18' Depth: 6" Length: 23' Volume: \_\_\_\_\_  
WALK 3' 60'  
Distance from building: 30' 6"

Stone Material: ZBS Soil Mixture: N/A Fabric in place: N/A

Comments: INSTALLED STONE PARKING AREA 18'x23' WITH  
18'x18' D/W EXT. WIDENED D/W 3'x27' - NO STONE ALONG EDGE,  
INSTALLED 3' WALK BY 60' LONG WITH 6" STONE  
ALONG EDGE OF WALK. ALSO INSTALLED LANDSLAPE  
STONE? WALK WAY OR DRAINAGE SWALS?

Inspector: ZANE Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1885 TROUBY RD. Date: 6-13-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Brett Sowers

Mailing Address: 1885 TROUBY RD. Phone: 717-515-5282

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: SELF

Type of BMP: Bio-Retention Weather: RAIN/80°

Date of Installation: 6-13-14 Building/Zoning Permit Number: 1325879

Installation Requirements (from permit) 160 SQ FT.

Drainage Area to BMP: 640 SQ FT.

Located In Accordance with Plan/Permit: YES

Width: 11 Depth: 1' Length: 16' Volume: 176

Distance from building: 10'

Stone Material: N/A Soil Mixture: ✓ Fabric in place: N/A

Comments: Will Provide Receipt For Soil Mixture.

Inspector: ZANE WILLIAMS

Signature: 

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2525 Slate Hill Date: 6/24/14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): \_\_\_\_\_

Mailing Address: 2525 Slate Hill Phone: 717 884-1960

Email: \_\_\_\_\_

Contractor/Installer: Doris Excavating  
717-428-9267

Type of BMP: SEEPAGE Bed Weather: \_\_\_\_\_

Date of Installation: 6/24/14 Building/Zoning Permit Number: 1426149

Installation Requirements (from permit) 392 S.F. PATIO - 700 ~~6~~ SQFT.  
SEEPAGE PIT - 285 CUBIC FT. REQ.

Drainage Area to BMP: 14' x 14' patio + sidewalk - 392

Located In Accordance with Plan/Permit: YES

Width: 10' 4" (5.3') Depth: 82" deep (6.83') Length: 128" (10.67') Volume: 3306 C.F.

Distance from building: > 12'

Stone Material: 4" ballast Soil Mixture: N/A Fabric in place: YES

Comments: open pit 6/24 -

Inspector: M Love

Signature: Monica Love

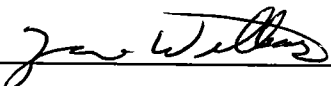
BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2491 Cedar Date: 6-30-14  
Subdivision/Project: \_\_\_\_\_  
Contact (Owner, Management Co. HOA): DAVID BAKUR  
Mailing Address: 2491 CEDAR RD Phone: 717-577-1636  
York PA 17408 Email: DBAKUR@wagman.com  
Contractor/Installer: Self

Type of BMP: Subsurface Bed Weather: Sunny 85°  
Date of Installation: 6-30-14 Building/Zoning Permit Number: 1426307  
Installation Requirements (from permit) 10'x14" - 4" Thick 46.2 sqft.

Drainage Area to BMP: 96 sqft  
Located In Accordance with Plan/Permit: YES  
Width: 10' Depth: 4" Length: 14' Volume: +46.2 sqft.  
Distance from building: 50'  
Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES  
Comments: INSTALLED AS PER PLAN.

Inspector: ZANE Williams

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2750 LOMAN AVE Date: 7-8-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Robert H. TOMES

Mailing Address: 2750 LOMAN AVE Phone: 717-792-8812

YORK PA 17408 Email: 52873@qol.com

Contractor/Installer: Barry UPDEGRAFF

717-792-3305

Type of BMP: seepage pit/trench Weather: CLOUDY 85°

Date of Installation: 7-8-14 Building/Zoning Permit Number: 1426261

Installation Requirements (from permit) 110 cubic FT.

Drainage Area to BMP: 168 SQ FT.

Located In Accordance with Plan/Permit: YES

Width: 6' Depth: 2' Length: 14' Volume: 168

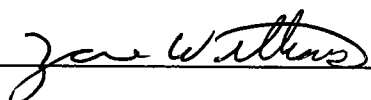
Distance from building: 14'

Stone Material: #4'S Soil Mixture: N/A Fabric in place: YES

Comments: SEEPAGE TRENCH LOCATED 2-3' FROM NEW

PATIO. TO BE COVERED WITH GRASS.

Inspector: ZANE Williams

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2455 Loucks Date: 7-8-14 & 7-15-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): IAN FOULTZ

Mailing Address: 2455 Loucks RD. Phone: 717-487-4181

York PA 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: Bio Retention Weather: Cloudy 85°

Date of Installation: 7-8-14 Building/Zoning Permit Number: 1325546

Installation Requirements (from permit) 6'x30' (180 S.F.) Bio Retention

Drainage Area to BMP: 665 SQ.FT.

Located In Accordance with Plan/Permit: YES

Width: 5 Depth: 12"-18" Length: 35' Volume: 218 S.F.

Distance from building: 19'

Stone Material: N/A Soil Mixture: YES Fabric in place: N/A

Comments: INSTALLED EXTRA SOIL MIXTURE TO FILL

IN UP TO DECK OF PORCH.

Inspector: Zane Williams

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1900 Bannister St. Date: 7-9-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): MINNER, ALYSSA

Mailing Address: 1900 Bannister St. Phone: 717-364-4064

York PA 17408

Email: ALYSSA.MINNER@Gmail.com

Contractor/Installer: BBLF

Type of BMP: SWAPS Bed Weather: 80° sunny

Date of Installation: 7-9-14 Building/Zoning Permit Number: 1426279

Installation Requirements (from permit) 6" DEPTH & 6" AROUND Perimeter.

Drainage Area to BMP: 180 SF

Located In Accordance with Plan/Permit: YES

Width: 12' Depth: 6" Length: 15' Volume: \_\_\_\_\_

Distance from building: 0'

Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES

Comments: STONE + 6" AND 6" AROUND Perimeter.

Inspector: ZANE WILLIAMS

Signature: Zane Williams



BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 312 OVERBROOKES Date: 7-16-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): SYLVIA SOMBRUCCIO

Mailing Address: 312 OVERBROOK DR. Phone: \_\_\_\_\_

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: Private Paradise Construction  
840-2690

Type of BMP: SEWERAGE TRUNK Weather: Sunny 85°

Date of Installation: 7-16-14 Building/Zoning Permit Number: 1426308

Installation Requirements (from permit) 84 CF

Drainage Area to BMP: 168 SQ FT.

Located In Accordance with Plan/Permit: YES

Width: 3' Depth: 2' Length: 13' Volume: 78 CF + 15 CF = 93  
Distance from building: 10' CF  
TOTAL

Stone Material: 2A'S Soil Mixture: N/A Fabric in place: YES

Comments: ★ ADDED 6" x 6" x 30' ON SOUTH SIDE OF D/W

Inspector: Zane Williams

Signature: Zane Williams

**BMP Installation Inspection Report**  
**West Manchester Township, York County, PA**

Address of BMP: 2239 LINDEN Date: 7-17-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JAMES ANDREW NYESTR

Mailing Address: 2239 LINDEN RD Phone: 717-654-8756

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: WALKWAYS N MORE

709-7277

Type of BMP: SEEPAGE TRENCH Weather: Sunny 80°

Date of Installation: 7-17-14 Building/Zoning Permit Number: 1426321

Installation Requirements (from permit) 3'x3'x30' SEEPAGE TRENCH

Drainage Area to BMP: ~~270~~ 540 SQFT

Located In Accordance with Plan/Permit: YES

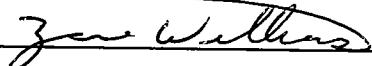
Width: 3' Depth: 3' Length: 30' Volume: 270

Distance from building: 23'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: Patio 18'x<sup>30'</sup>~~25'~~ PATIO WITH 3'x3'x30' TRENCH AT END  
OF PATIO.

Inspector: ZANE WILLIAMS

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2458 OPAL Rd Date: 7-17-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): THOMAS BURZUTTO

Mailing Address: 2458 OPAL RD. Phone: 764-8988

YORK PA 17408 Email: \_\_\_\_\_

Contractor/Installer: TWIN LOCUST BARNES

30 HERR RD. New Providence PA 17560

Type of BMP: STONAGE Bed Weather: Sunny 80°

Date of Installation: 7-17-14 Building/Zoning Permit Number: 1426315

Installation Requirements (from permit) 12' x 22' x 4" STONE BED

Drainage Area to BMP: 200 SQ FT.

Located In Accordance with Plan/Permit: YES

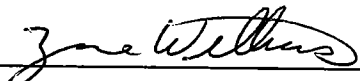
Width: 12' Depth: 4" Length: 22' Volume: +87 SQ FT.

Distance from building: NA

Stone Material: 20'S Soil Mixture: NA Fabric in place: YES

Comments: Shed INSTALLED where old shed WAS. 5' From RD'S.

Inspector: ZANE WILLIAMS

Signature: 

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 1960 South Dr Date: 7-18-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): HOWARD BRAHN

Mailing Address: 1960 South Dr. Phone: 717-843-8877

York Pa 17408 Email: \_\_\_\_\_

Contractor/Installer: Self

Type of BMP: Scraped bed Weather: Sunny 80°

Date of Installation: 7-18-14 Building/Zoning Permit Number: 1325674

Installation Requirements (from permit) 6" STONE WITH 6" PERIMETER

Drainage Area to BMP: 300 SF

Located In Accordance with Plan/Permit: yes

Width: 15' Depth: 6" Length: 22.5' Volume: \_\_\_\_\_

Distance from building: 13'

Stone Material: 2B'S Soil Mixture: N/A Fabric in place: YES

Comments: INSTALLED 6" STONE UNDER AND AROUND  
PATIO AREA.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 251 N. OXFORD ST. Date: 7-18-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): JUDITH K SNYDER

Mailing Address: 251 N. OXFORD ST. Phone: 717-424-2580

YORK PA 17404 Email: \_\_\_\_\_

Contractor/Installer: DOULTS ETC.

577-8571

Type of BMP: SEEPAGE P.I.T Weather: SUNNY 80°

Date of Installation: 7-18-14 Building/Zoning Permit Number: 1426311

Installation Requirements (from permit) 183 CF

Drainage Area to BMP: 366 SQ FT.

Located In Accordance with Plan/Permit: YES

Width: 6' Depth: 6' Length: 6' Volume: 216

Distance from building: +10'

Stone Material: #4'S Soil Mixture: N/A Fabric in place: YES

Comments: MOVED TRENCH FROM EDGES OF D/W TO

MIDDLE OF D/W (SEEPAGE P.I.T WITH DRAIN) because

OF BEING TOO CLOSE TO PROP. LINE.

Inspector: ZANE WILLIAMS

Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2664 Jessamine Way Date: 7-22-14  
Subdivision/Project: + hardscapes  
Contact (Owner, Management Co. HOA): JOHN KLAPUT  
Mailing Address: 2664 JESSAMINE WAY Phone: 410-215-4653  
YORK PA 17408 Email: \_\_\_\_\_  
Contractor/Installer: Bedrock Foundations  
717-587-7062  
Type of BMP: SEEPAGE Bed Weather: CLOUDY 80°  
Date of Installation: 7-22-14 Building/Zoning Permit Number: 1426324  
Installation Requirements (from permit) 12' x 17' - 5" THICK = 81.6 SQ FT.  
\_\_\_\_\_  
Drainage Area to BMP: 150 SQ FT.  
Located In Accordance with Plan/Permit: YES  
Width: 12' Depth: 5" Length: 17' Volume: 81.6 SQ FT.  
Distance from building: 35'  
Stone Material: ZB'S Soil Mixture: N/A Fabric in place: YES  
Comments: AREA IS 5' FROM REAR  $\Phi$  AND 10'  
FROM SIDE  $\Phi$ .  
\_\_\_\_\_  
\_\_\_\_\_  
Inspector: ZANE Williams  
Signature: Zane Williams

BMP Installation Inspection Report  
West Manchester Township, York County, PA

Address of BMP: 2761 Brookmar Date: 7-29-14

Subdivision/Project: \_\_\_\_\_

Contact (Owner, Management Co. HOA): Linda & Randall JOSEPH

Mailing Address: 2761 Brookmar Phone: 792-6403

York PA 17408 Email: RLJOSEPH@LIVE.com

Contractor/Installer: OUTHOUSE STORAGE

845-3619

Type of BMP: SEEPAGE Bed Weather: CLOUDY 80°

Date of Installation: 7-29-14 Building/Zoning Permit Number: 1426371

Installation Requirements (from permit) 12'x14' x 4"

Drainage Area to BMP: 140 SQFT.

Located In Accordance with Plan/Permit: YES

Width: 12 Depth: +4" Length: 16' Volume: \_\_\_\_\_

Distance from building: 20'

Stone Material: ZBS Soil Mixture: N/A Fabric in place: ✓

Comments: INSTALLED AS PER PLAN.

Inspector: ZANE Williams

Signature: 