

**Gordon L. Brown & Associates, Inc.**



*Consulting Civil Engineers & Surveyors*

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TO: Department of Environmental Protection  
400 Market Street  
Harrisburg, PA 17101

**LETTER OF TRANSMITTAL**

DATE: September 30, 2021	JOB NO. 01.90.2750
ATTENTION:	
RE:  East Manchester Township 2020 Annual Report	

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via \_\_\_\_\_ the following items:

- ☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications  
☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

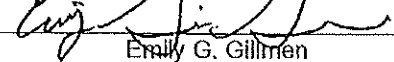
COPIES	DATE	NO.	DESCRIPTION
1			East Manchester MS4 Annual Report

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as Submitted ☐ Resubmit \_\_\_\_\_ copies for approval  
☐ For your use ☐ Approved as noted ☐ Submit \_\_\_\_\_ copies for distribution  
☐ As requested ☐ Returned for corrections ☐ Return \_\_\_\_\_ corrected prints  
☐ For review and comment ☐ \_\_\_\_\_

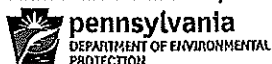
REMARKS:

Should you have any questions or require further information, please do not hesitate to contact me.

COPY TO: \_\_\_\_\_ SIGNED:   
Emily G. Gillman

*If enclosures are not as noted, kindly notify us at once.*





## ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2020 TO JUNE 30, 2021

GENERAL INFORMATION					
Permittee Name:	East Manchester Township	NPDES Permit No.:	PA133601		
Mailing Address:	5080 North Sherman Street Ext.	Effective Date:	March 16, 2017		
City, State, Zip:	Mt. Wolf, PA 17347	Expiration Date:	March 16, 2018		
MS4 Contact Person:	Kristie Masemer	Renewal Due Date:	September 17, 2018		
Title:	Manager/Secretary/Treasurer	Municipality:	East Manchester Township		
Phone:	717-266-4279	County:	York		
Email:	Manager@emanchestertwp.com				
Co-Permittees (if applicable):					
Appendix(ces) that permittee is subject to (select all that apply):					
<input type="checkbox"/> Appendix A <input type="checkbox"/> Appendix B <input checked="" type="checkbox"/> Appendix C <input checked="" type="checkbox"/> Appendix D <input checked="" type="checkbox"/> Appendix E <input type="checkbox"/> Appendix F					
WATER QUALITY INFORMATION					
Are there any discharges to waters within the Chesapeake Bay Watershed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Identify all surface waters that receive stormwater discharges from the permittee's MS4 and provide the requested information (see instructions).					
Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Hartman Run	WWF, MF	Yes	Pathogens	No	No
Codorus Creek Main Branch	WWF, MF	Yes	Urban Runoff/Storm Sewers - Unknown Toxicity, Water/Flow Variability, Excessive Algal Growth, Pathogens	No	No
Conewago Creek	WWF, MF	No	N/A	No	No
Musser Creek	WWF, MF	Yes	Agriculture - Suspended Solids, Other - Suspended Solids	No	No
Little Conewago Creek	TSF, MF	Yes	Pathogens	No	No
Susquehanna River	WWF, MF	Yes	Unknown - PCB	No	No

### GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

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

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

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	East Manchester Township	Kristie Masemer	717-266-4279
#2 Public Involvement/Participation	East Manchester Township	Kristie Masemer	717-266-4279
#3 Illicit Discharge Detection and Elimination (IDD&E)	East Manchester Township	Gordon L. Borwn & Associates, Inc.	717-741-4621
#4 Construction Site Storm Water Runoff Control	East Manchester Township	Gordon L. Borwn & Associates, Inc.	717-741-4621
#5 Post-Construction Storm Water Management in New Development and Redevelopment	East Manchester Township	Gordon L. Borwn & Associates, Inc.	717-741-4621
#6 Pollution Prevention / Good Housekeeping	East Manchester Township	Shane Haugh	717-266-4279

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

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

- For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?  
☐ Yes ☐ No
- Date of latest annual review of PEOP: 2021 Were updates made? ☒ Yes ☐ No
- What were the plans and goals for public education and outreach for the reporting period?  
It is the goal of the Township to determine the Best Management Practices, (BMPs) and measurable goals for this minimum control measure. Minimum goals shall include inspection and documentation of facilities under the control of the Township, employee training, completion of inlet labels and public awareness.
- Did the MS4 achieve its goal(s) for the PEOP during the reporting period? ☒ Yes ☐ No
- Identify specific plans and goals for public education and outreach for the upcoming year:  
Continue employee training including updates to the MS4 program and contact community organizations for possible involvement. Update stormwater web page on The Township website.

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

- For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage?  
☐ Yes ☐ No
- Date of latest annual review of target audience lists: 2015 Were updates made? ☐ Yes ☒ No



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

1. For new permittees only, were stormwater educational and informational items produced and published in print and/or on the Internet within the first year of permit coverage?  
☐ Yes ☐ No
2. Date of latest annual review of educational materials: 2020      Were updates made? ☐ Yes ☒ No
3. Do you have a municipal website? ☒ Yes ☐ No (URL: [emanchestertwp.com](http://emanchestertwp.com) "Local Services/ Stormwater Management")

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

Direct links to the Chesapeake Bay Program, DEP, Center for Watershed protection, Lower Susquehanna River Keeper and the York County Conservation District. Contact information for Erosion Control, Illicit discharges, and stormwater management. Brochure and posters such as when it rains it drains, Car Wash poster, etc. Annual MS4 mapping, basin locations and the annual report. The web site was updated in 2021. Site also includes the stormwater ordinance and floodplain ordinances.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:  
When it "Rains it Drains" brochure included in each building permit, program discussed in public meetings and displaying information at the Township office. Maintenance program includes notifying the BMP owners of required maintenance.
5. Identify specific plans for the publication of stormwater materials for the upcoming year:  
Advertise a specific public meeting for discussion, participate in local projects and involve community organizations.

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

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

Public discussion during advertised public meetings, provide information and mapping to local fire companies/authorities and storm drain stenciling/markings.

**MCM #1 Comments:**

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

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

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage?  
☐ Yes ☐ No
2. Date of latest annual review of PIPP: September 2021      Were updates made? ☐ Yes ☒ No

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

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period? ☒ Yes ☐ No
2. If Yes, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:

The PRP plan was advertised in the local newspaper, the township web site, township meetings and a hard copy available at the Township office for review. Advertisement and public review were available for the minimum required time period and comments applied to the final report. An advertised public meeting on September 12, 2017, specifically for the PRP plan was also completed. A meeting with DEP regarding the PRP comments was held to discuss the ideas of using agricultural BMP's. A draft SMOP or SOP was developed and is pending final approval.

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

Ordinance / SOP / Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
2015-2 Chesapeake Bay Agreement	2/2/15	2/10/15	2/10/15
SOP/ SMOP (Draft)	N/A	N/A	N/A

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

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

☐ Yes ☒ No

If Yes, Date of Meeting or Event: September 12, 2017 (Last public meeting)

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

East Manchester was an active participating member of the York County Chesapeake Bay Coalition and often reached out to local organizations.

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

audience offered comments at the September 12, 2017 meeting regarding the PRP plan. All cleanups and storm drain marking were completed by township staff only in the past reporting period. Notify residents regarding stormwater maintenance and potential violations.

**MCM #2 Comments:**

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

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

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

☐ Yes ☐ No

2. Date of latest annual review of IDD&E program: 2021

Were updates made? ☐ Yes ☒ No

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

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

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

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

2. Date of last update or revision to map(s): 2021

3. Total No. of Outfalls in MS4: 25

Total No. of Outfalls Mapped: 25

4. Total No. of Observation Points: 183

Total No. of Observation Points Mapped: 183

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

☐ Yes ☒ No

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

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

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

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

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

2. If Yes to #1, is the map(s) on the same map(s) as for outfalls and receiving waters? ☒ Yes ☐ No

3. Date of last update or revision to map(s): 2021

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

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

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? 208
2. Indicate the percentage of all outfalls screened in the past five years. 100%
3. Indicate the percent of outfalls screened during the reporting period that revealed dry weather flows: 0%
4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? ☐ Yes ☒ No
5. If Yes for #4, attach all sample results to this report with a map identifying the sample location. Explain the corrective action(s) taken in the attachment.
6. Do you use the MS4 Outfall Field Screening Report form (3800-FM-BCW0521) provided in the permit?  
☐ Yes ☒ No  
If No, attach a copy of your screening report form.

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

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that prohibits non-stormwater discharges? ☒ Yes ☐ No  
If Yes, indicate the date of the ordinance or SOP: 10/09/07
2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j) with respect to authorized non-stormwater discharges? ☐ Yes ☒ No  
If Yes to #2 and the ordinance or SOP has not been submitted to DEP previously, attach the ordinance or SOP.

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

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

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken
08-17-21	Diluted sewage flow	4159 N. George Street. Ext.	Tank was drained and pumps started.
02-01-21	Oil discharging from idling truck.	5090 N. Sherman Street	Oil spot was cleaned and catch pan was placed under vehicle.
06-01-21	Raw sewage spilled as a result of a car accident.	3821 N. Sherman Street. Ext.	Alternative SEO and Township Engineer were notified.
03-03-20 09-24-19 11-07-19 07-22-20	Earth disturbance inspection report.	84 Zions View Road	E&S and PCSM plans should be followed and continue to stabilize the area.
09-17-20 05-18-21	Site Meeting to check on E&S control installation.	Mundis Mill Road	Filter socks installed and basins have been stabilized.
09-24-20 03-03-20	Site meeting to check status of site.	Willow Springs Lane	Stabilize remaining areas so NOT can be closed out.
09-12-19	Earth disturbance inspection report.	700 E. Canal Road Ext.	Continue to follow PCSM plan and be revised when underdrains are installed.
10-20-20	BMPs are constructed and inspected.	JCI Way	NOT can be closed out.
10-20-20	Sinkholes in need of repair.	N. Sherman Street Ext.	All BMPs should be installed per the PCSM plan.
07-17-20 06-02-21 07-16-19	Berm needs repair and erosion needs to be controlled.	N. George Street & Meeting House Road	Follow PCSM plan to fix runoff issues.

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

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

If Yes, what was distributed? Inspection forms were distributed to the Township staff along with directions as to what to look for. It was also discussed at the annual employee meeting.

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents?  
☒ Yes ☐ No

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

**MCM #3 Comments:**

Directions to report incidents are indentified on the Township web site.

#### **MCM #4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL**

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

☐ Yes ☒ No

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

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

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

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

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

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

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

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

If Yes, indicate the date of the ordinance or SOP: 1-10-06

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100)? ☐ Yes ☒ No

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

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

Specify the number of E&S Plans you reviewed during the reporting period: 4

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

Specify the number of E&S Inspections you completed during the reporting period: 20

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

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

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

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

Prior to earth moving activities, the Township participates with YCCD in a pre-construction conference. In addition to the YCCD requirements, site specific requirements are identified along with inspection requirements.

**BMP #8: Develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted by the public to the permittee regarding local construction activities.**

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

2. Specify the number of inquiries and complaints received during the reporting period: 36

**MCM #4 Comments:**

E&S inspections are conducted in coordination with the York County Conservation District. All complaints are public complaints that are not causing direct pollution are dealt with the contractor. Significant complaints require notification to the YCCD.



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

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

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of post-construction stormwater management (PCSM) BMPs? ☒ Yes ☐ No

If Yes, indicate the date of the ordinance or SOP: 1-10-06

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

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

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

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that encourages and expands the use of LID in new development and redevelopment? ☐ Yes ☒ No

If Yes, indicate the date of the ordinance or SOP:

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

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

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

1. Do you have an inventory of all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003? ☒ Yes ☐ No

If Yes to #1, complete Table 1 on the next page.

2. Has proper O&M occurred during the reporting period for all PCSM BMPs? ☐ Yes ☒ No

3. If No to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&M.

BMP's that were not properly maintained were notified in writing and given a period of time to complete the improvements. Some improvements were not completed so the Township may require fining or completing the work themselves. Work on maintenance notification which is 70% complete.

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

**BMP #4: Require the implementation of a combination of structural and/or non-structural BMPs that are appropriate to the local community, that minimize water quality impacts, and that are designed to maintain pre-development runoff conditions.**

1. Specify the number of PCSM Plans reviewed during the reporting period for projects disturbing greater than or equal to one acre (including projects less than one acre that are part of a larger common plan of development or sale): 4

2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs?

☒ Yes ☐ No

**PCSM BMP INVENTORY**

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

BMP No.	BMP Name	DA (ac)	Entity Responsible for O&M	Latitude	Longitude	Date Installed	O&M Requirements	NPDES Permit No.
1	Starbucks Infiltration bed	0.91	Starbucks	40°03'03"	76°44'21"	09/17/2014	Per Township developers agreement	PAG02006712056
2	Orchard lot 1 wet pond	31.25	Kinsley Equities	40°02'50"	76°44'09"	2012	Per Township developers agreement	PAG02006712031
3	Orchard Lot 1 vegetative swale	4.45	Kinsley Equities	40°03'00"	76°44'12"	2012	Per Township developers agreement	PAG02006712031
4	Orchard Lot 1 infiltration basin	1.10	Kinsley Equities	40°02'55"	76°44'14"	2012	Per Township developers agreement	PAG02006712031
5	Wellspan infiltration Bed	1.9	Wellspan Properties INC	40°02'55"	76°43'32"	2011	Per Township developers agreement	PAG02006712036
6	Wellspan 2 infiltration Bed	0.58	Wellspan Properties INC	40°02'56"	76°43'29"	2011	Per Township developers agreement	PAG02006712036
7	Royal Manchester infiltration trench	1.33	Talen Generation Services LLC	40°04'51"	76°04'03"	2010	Per Township developers agreement	PAS10Y070R
8	CVS bio retention	2.42	MANF LLC	40°02'26"	76°43'58"	2010	Per Township developers agreement	PAG2006709020
9	Orchard lot 10/11 dry extended detention	22.54	ITT York DC II LLC	40°03'14"	76°44'48"	2010	Per Township developers agreement	PAG2006108040
10	Orchard lot 10/11 dry extended detention	12.76	ITT York DC II LLC	40°03'16"	76°44'53"	2010	Per Township developers agreement	PAG2006108040

11	Orchard lot 10/11 dry extended detention	11.38	ITT York DC II LLC	40°03'28"	76°44'50"	2010	Per Township developers agreement	PAG2006108040
12	Advanced Auto subsurface infiltration bed	0.84	Primax Properties LLC	40°02'39"	76°43'25"	2014	Per Township developers agreement	na
13	East Manchester subsurface infiltration bed	0.245	East Manchester Township	40°03'31"	76°41'49"	2012	remove sediment from structure	na
14	Quigleys	0.91	quigleys	40°02'54"	76°43'13"	2016	Per Township developers agreement	PAG02006716037
15	75 Steamboat 1	3.95	Salon Centric	40°01'57"	76°43'21"	2016	Per Township developers agreement	PAG02006716009
16	75 Steamboat 2	4.63	Salon Centric	40°02'02"	76°43'25"	2016	Per Township developers agreement	PAG0200671609
17	DHL A	32.36	Gear Zions Road Propco	40°02'02"	76°43'25"	2020	Per Township developers agreement	PAC670165
18	DHL B	19.48	Gear Zions Road Propco	40°02'02"	76°43'25"	2020	Per Township developers agreement	PAC670165
19	DHL C	16.54	Gear Zions Road Propco	40°02'02"	76°43'25"	2020	Per Township developers agreement	PAC670165
20	DHL D	7.50	Gear Zions Road Propco	40°02'02"	76°43'25"	2020	Per Township developers agreement	PAC670165
21	Hillwood A	28.01	Harvest A. Gross Farm LLC	40°02'02"	76°43'25"	2019	Per Township developers agreement	PAG02006713045
22	Hillwood B	23.28	Harvest A. Gross Farm LLC	40°02'02"	76°43'25"	2019	Per Township developers agreement	PAG02006713045
23	Hillwood Small BMP	3.96	Harvest A. Gross Farm LLC	40°02'02"	76°43'25"	2019	Per Township developers agreement	PAG02006713045

24	Hillwood Large BMP	30.65	Harvest A. Gross Farm LLC	40°02'02"	76°43'25"	2019	Per Township developers agreement	PAG0200671304 5
25	Orchard Lot 9A	11.40	Kinsley Equities	40°05'57"	76°74'25"	2020	Per Township developers agreement	PAC670044
26	Penn Waste	3.00	Penn Waste Property Holdings LLC	40°03'83"	76°72'34"	2019	Per Township developers agreement	PAC670123
27	Tiger Trash	4.00	GRA Jen Properties LLC	40°03'82"	76°71'63"	2019	Per Township developers agreement	PAC670074
28	Orchard Lot 6	9.68	Kinsley Equities	40°05'13"	76°74'25"	2020	Per Township developers agreement	PAC670044
29	Orchard Phase II	62.80	Canal Road LLC	40°05'89"	76°75'14"	2021	Per Township developers agreement	PAG0200671401 9

**BMP #5:** Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall inspect all qualifying development or redevelopment projects during the construction phase to ensure proper installation of the approved structural PCSM BMPs. A tracking system (e.g., database, spreadsheet, or written list) shall be implemented to track the inspections conducted and to track the results of the inspections (e.g., BMPs were, or were not, installed properly).

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

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

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

☒ Yes ☐ No

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

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

**MCM #5 Comments:**

#### MCM #6 – POLLUTION PREVENTION / GOOD HOUSEKEEPING

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

1. Have you identified all facilities and activities owned and operated by the permittee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No
2. When was the inventory last reviewed? June 2021
3. When was it last updated? June 2021

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

1. Have you developed a written O&M program for the operations identified in BMP #1? ☒ Yes ☐ No
2. Date of last review or update to written O&M program: 2021

**BMP #3:** Develop and implement an employee training program that addresses appropriate topics to further the goal of preventing or reducing the discharge of pollutants from operations to the regulated small MS4. All relevant employees and contractors shall receive training.

1. Have you developed an employee training program? ☒ Yes ☐ No
2. Date of last review or update to training program: December 2020 Date of latest training: December 2020

3. Training topics covered:

Updates to MS4 program, acronyms of MS4, illicit discharges, inspection and documentation of existing structures, and fuel tank training.

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

Byron W. Trout, PE

5. Names of training attendees:

Dave Gentzler, Kristie Masemer, Jennifer Cox, Deb McCurdy, Shane Haugh, Josh Feaser, Will Delp, Nevin Brenneman, Barry Rudisill, Brittany Kohler, Nolan Trout, Mark Shearer, Nute Heindel, Connor Slanker

MCM #6 Comments:

Meeting held 12-23-2020 (MS4), 1-25-2021 (MS4), 1-26-2021 (Fuel Tank)

**POLLUTANT CONTROL MEASURES (PCMs)**

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

Task	Date Completed	Attached	Anticipated Completion Date
Storm Sewershed Map(s)	2016	<input checked="" type="checkbox"/>	Updated 2021
Source Inventory		<input type="checkbox"/>	
Investigation of Suspected Sources		<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes		<input type="checkbox"/>	

PCM Comments:

**POLLUTANT REDUCTION PLANS (PRPs) AND TMDL PLANS**

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

Type of Plan	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
<input checked="" type="checkbox"/> Chesapeake Bay PRP (Appendix D)	September 2017		Chesapeake Bay
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input type="checkbox"/> Combined PRP / TMDL Plan			

☐ Joint Plan (if checked, list the name of the MS4 group or names of all entities participating in the joint plan below)

Joint Plan Participants:

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

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	106,762		
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input type="checkbox"/> Combined PRP / TMDL Plan			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due:

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

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

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

If Yes to #4, describe the plan modifications.

5. Summary of progress achieved during reporting period.

The PRP has not been approved by DEP. DEP comments regarding the PRP plan are currently being addressed regarding the revisions to the mapping, baseloads and justification of assumed methods of meeting the minimum requirements.

6. Anticipated activities for next reporting period.

Obtain an approved PRP plan, and implement and or construct the BMP's necessary to meet our loading obligation.

PRP/TMDL Plan Comments:

### NEW BMPs FOR PRP/TMDL PLAN IMPLEMENTATION

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

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed or Implemented	Planning Area?	Ch. 102?	Annual Sediment Load Reduction (lbs/yr)
1	stream restoration	n/a	40	400	LF	40°03'56"	76°40'23"	2021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17,952
2	no till activities	43.25	5	43.25	Acres	40°04'10"	76°41'53"	2021	<input checked="" type="checkbox"/>	<input type="checkbox"/>	86,500
3	basin retro fits	48.8	70	48.8	Acres	40°02'58"	76°44'26"	2021	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9,850
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	

### BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION

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

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



### CERTIFICATION

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

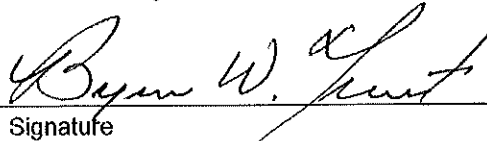
**For All Permittees:** I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage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

Byron W. Trout, PE

Name of Responsible Official

717-741-4621

Telephone No.



Signature

9/29/21

Date



**Gordon L. Brown & Associates, Inc.**

*Consulting Civil Engineers & Surveyors    Established 1952*



**DRAFT  
OPERATIONS MANUAL  
For  
MUNICIPAL OWNED STORMWATER FACILITIES  
East Manchester Township**

**YORK COUNTY, PENNSYLVANIA  
5080 NORTH SHERMAN ST. EXT.  
MT. WOLF, PA 17347**

**August 12, 2021**

**2238 South Queen Street  
York, PA 17402-4631  
717-741-4621 Phone  
717-741-1418 Facsimile  
GLBA-Engineering.com**



## **1. Goals**

The goal of the Operations, Maintenance, and Inspection manual is to ensure that all East Manchester Township storm water facilities are functioning properly and limit pollution runoff to the maximum extent practical. If work on any part of the Municipal storm water system is conducted by outside contractors, they will also be required to follow the procedures outlined in this manual. This O & M manual will be reviewed periodically and revised as needed.

## **2. Pollution Prevention/Good Housekeeping Procedures**

Preventive measures are essential components to an effective stormwater management program because they reduce the potential for introducing pollutants into stormwater runoff. The following guidelines encourage a clean work environment through routine maintenance and reduce the possibility for chemical spill, leaks, or area contamination. Municipal staff should receive regular training in the handling of the various equipment and chemicals used by the Municipality. A training log will be used to keep a record of the training received by staff and outside contractors throughout the year.

### **a. Housekeeping**

- Maintain clean, dry floor and ground surfaces. Sweeping shall be conducted as needed to remove dirt and other debris that has the potential to be washed into storm drains or streams when practical.
- Check vehicles and maintain to prevent fluid loss.

### **b. Storage and Handling of Material**

- All containers, drums, and bags shall be stored outside vehicle and foot traffic areas.
- Fluids and other chemical supplies shall be kept in well ventilated areas indoors (where practical). Containers shall be clearly labeled, sealed, and stored as per manufacturer's recommendations when not in use.
- Absorbent material, spill kits and drip pans are to be kept near potential spill hazard. Protect materials from weather conditions if located outdoors.
- Perform annual inspections of all indoor and outdoor storage locations. Keep a record of inspections.

### **c. Spills**

- Contain the area with dike, berms, and/or applicable dry absorbent materials.

- Protect drains and effected outlets with absorbent materials (e.g. PIG MRO type sock, Haz-Mat PIG Pads)
- Check contamination areas and determine source of spill.
- Monitor contamination areas and keep written and photographic documentation of action taken.
- Collect and dispose of contaminated material properly in labeled containers.
- Spills of hazardous materials should only be remediated by trained Municipal Staff or other contracted personnel with experience in removal of hazardous material.
- Record spill occurrences, its location, spill type, method of clean up and responding personnel.
- Notify DEP if spill is considered to be one (1) gallon or more.

DEP Harrisburg: (717)-705-4700 (Southcentral Regional Office)

DEP Headquarters: (717)-783-2300

Environmental Emergency: 1-800-541-2050

### **3. Inspection and Maintenance of Stormwater Facilities**

East Manchester Township has a mix of storm sewer lines including corrugated metal pipe (CMP), smooth line corrugated polyethylene pipe (SLCPP), and reinforced concrete pipe (RCP). Large portions of the stormwater system are outside of street roads and are privately owned. The MS4 Stormwater system and the corresponding outfalls are shown on the East Manchester Township Outfall Map.

All municipally owned stormwater facilities will be operated in a manner that prevents or reduces adverse environmental, public health and safety impacts. Routine inspections and maintenance tasks are part of Municipal staff regular job duties.

#### **a. Stormwater Structures**

- Visual inspections shall identify any damage, deterioration, collapsed pipes, misalignment and/or vandalism of stormwater structures.
- Visual inspections shall locate and identify illegal dumping activities (trash, garbage; construction debris, chemicals, etc.) potentially impacting stormwater facilities.
- When cleaning inlets of debris and trash, inlets shall be inspected for evidence of illicit discharges. Municipal representative shall make

attempts to trace back discharges to their origin source and issue corrective measures.

- Cleared materials from inlets, pipes, outfalls, structural BMPs shall be evaluated to determine if it is municipal, residual, or hazardous waste.
- Keep written log on file with the Township Public Works Director of inspection activities, including resulting in repairs, clean-up activities, maintenance or citations issued. Inspections may also include photographs to document conditions found by the East Manchester Township Road Crew staff or other contracted Municipal representatives.
- Township Public Works Director shall prepare a list of maintenance duties and schedule for stormwater facilities owned by the Municipality. A copy of the maintenance schedule is to be kept on file with the Public Works Department and is included in the Operation and Maintenance (O&M) Manual Appendix.

**b. Stormwater Best Management Practices (BMPs)**

Best Management Practices (BMPs) may include rain gardens, wet ponds, bio-retention areas, detention basins, infiltration areas, riparian buffers, vegetated swales/channels, and porous pavement.

- The Township shall maintain stormwater BMPs owned by the Township that function as part of their Stormwater management program (SWMP).
- Structural BMPs shall be investigated after significant storm events to identify sediment accumulation, riser obstructions, vegetation growth, invasive or monoculture plant communities, animal burrowing, erosion of embankments, erosion near storm structures, and excessive algae growth.
- Use of chemical agents for maintenance practices is highly discouraged. Alternative methods of control are encouraged.
- If chemical agents must be used, their use shall be limited. Chemical use must be approved by the Township Administrator/Public Works Manager and be applied by a qualified professional that is licensed by the Commonwealth of Pennsylvania, Department of Agriculture. A copy of their license (herbicide, pesticide) shall be provided prior to any work kept on file.
- Annual and significant maintenance activities are to be documented in writing and kept on file with the East Manchester Township Office.
- Refer to Annual Basin Inspection form.

## EAST MANCHESTER TOWNSHIP

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### c. State Roads

East Manchester Township has approximately 21.12 miles of roads that are owned and maintained by the Pennsylvania Department of Transportation (PennDOT) as listed below:

S.R. 0181 – George Street, N. George Street Ext.  
S.R. 0024 – Sherman Street, N. Sherman Street Ext.  
S.R. 0921 – Canal Road, Mt. Zions View Road  
S.R. 1019 – Wago Road  
S.R. 1025 – Saginaw Road  
S.R. 1027 – Market Street  
S.R. 1008 – Codorus Furnace Road  
S.R. 1029 – Mount Hebron Church Road  
S.R. 1031 – Board Road (Between Manchester Borough and Church Road)  
S.R. 1010 – Starview Road  
S.R. 1004 – Conewago Creek Road  
S.R. 1021 – Locust Point Road  
S.R. 1006 – Long Road

- The Public Works Department shall visually evaluate and inspect PennDOT roads during routine travel.
- Debris and sediment in the roadway shall be reported to PennDOT or removed by the city to maintain clear travel lanes.
- Areas with repeated flooding and/or poor drainage shall be identified and reported to PennDOT to review appropriate corrective actions.
- State roadways in which the Township has entered into a winter traffic services agreement with PennDOT to provide winter maintenance should include the activities listed under the Local Roads subsection below, as necessary.

PennDOT Contact:                      District 8  
   2140 Herr Street  
   Harrisburg, PA 17103-1699  
   (717)-787-6653

### d. Local Roads

- Street sweeping shall be performed by the Township Road Crew at least once during the calendar year. Additional street sweeping shall be performed on an as-needed basis, as determined by the Township Public Works Director.
- All street sweeping operators must be trained in the proper use of vacuum sweeper equipment.



- Avoid paving activities during wet weather.
- Do not use water to remove construction debris and/or dust from construction areas.
- Do not wash debris into the storm system.
- Use mechanical sweepers and/or vacuums to collect and dispose of construction debris.
- Contain and properly dispose of water and wastes generated from cleaning construction equipment.
- Use inlet protection devices and allow areas to dry before uncovering inlets.
- Recycle waste materials where applicable (i.e. asphalt, stone, ...)
- Storage of snow removal and de-icing materials used for roadways shall be located and managed in a manner to reduce impacts on the storm sewer systems and environment.
- Salt storage is to be protected from wet weather (precipitation).
- Clean up and remove any spilled salt and/or de-icing materials during loading and unloading activities to minimize tracking of materials.
- Operators of snow plows/salt spreaders are to be trained in proper application rates. Salt spreaders shall be examined prior to each operation to ensure they are functioning properly.
- Application rates shall be enough to accomplish the task for roadways and parking lots being mindful of special circumstances, such as proximity to surface waters, drainage to BMP structures, road widths and traffic concentration.
- Township Road Crew is responsible for clearing inlets of excessive sediment or debris accumulations.
- All materials cleared from the Municipal storm sewer system shall be handled and disposed of in accordance with all applicable state and federal disposal regulations.

## EAST MANCHESTER TOWNSHIP

### 4. Maintenance Schedule

#### a. Pollution Prevention/Good Housekeeping Maintenance Duties

The following guidelines are reviewed and revised by East Manchester Township as needed. If work on any part of the Municipal storm sewer system is conducted by outside contractors, they shall also be required to adhere to the following:

Attachment #1: Public Works Yard North  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Signage for Each Activity	Quarterly	<ul style="list-style-type: none"> <li>• Make sure they are up and effective</li> </ul>	Keep a spare of all signs
Fluid Management	Daily	<ul style="list-style-type: none"> <li>• Store oil to minimize leaks and allow cleanup of any that occur</li> <li>• Work inside</li> <li>• Minimize use of solvents</li> <li>• Eliminate leaks in vehicles and equipment, use drip pans</li> <li>• Have a Spill Prevention Control and Countermeasure (SPCC) plan up to date. Stockpile of spill cleanup material in plain sight.</li> <li>• Recycle used oil. Temporarily store under cover. Designate a site to dispose of any fluids drained from vehicles.</li> <li>• Check oil separator (quarterly)</li> <li>• Have separate receptacles for greasy rags, oil filters, etc.</li> </ul>	Applies to oil, coolant, solvents and paints. Fuel is separate below.
Stormwater	Quarterly	<ul style="list-style-type: none"> <li>• Inspect stormwater infiltration structure</li> <li>• Inspect inlets, remove/dispose of material at the incinerator or store onsite until adequate amount may be hauled to the local landfill</li> </ul>	Check stormwater facilities after each rainfall greater than 3 inches.
Fueling	Daily	<ul style="list-style-type: none"> <li>• Limit fueling of vehicles to the North Public Works Yard "Diesel &amp; gas"</li> <li>• Spot-clean leaks and clean up using approved absorbent</li> <li>• Report leaking vehicles</li> <li>• Apply "Do Not Top Off Tank with Fuel" sign</li> <li>• Spot-clean leaks and clean up using approved absorbent</li> <li>• Report leaking vehicles</li> <li>• Label valves</li> <li>• Nozzles have an auto shutoff. Auto shutoff for severed hoses.</li> <li>• Existing leak detection</li> <li>• Concrete fueling pad existing at tank area only.</li> </ul>	Pumps are locked and for municipal use only. Limit keys and those permitted to utilize the pumps.
Vehicle Wash Water	Daily	<ul style="list-style-type: none"> <li>• Wash inside the existing building which is tributary to the existing grease/oil separator</li> <li>• Take vehicles to commercial car washes</li> <li>• Allow no wash water to enter a storm sewer or stream</li> <li>• Convert to phosphate free biodegradable detergents</li> </ul>	
Cinder Piles	Weekly	<ul style="list-style-type: none"> <li>• Haul and store in dry weather</li> <li>• Sweep up spill around storage/loading areas</li> <li>• Maintain mulch berms and erosion controls downstream of pile</li> <li>• Test cinder piles</li> </ul>	

## EAST MANCHESTER TOWNSHIP

Material Storage	Weekly	<ul style="list-style-type: none"> <li>Storage of hazardous materials shall be confined to the South Public Works Yard</li> <li>Stored outside materials shall be limited to those that are not environmentally evasive, such as inlets, storm piping, cast iron structures and aggregate piles</li> <li>Topsoil piles shall be seeded and mulched when not in use and be located above existing mulch berms or erosion controls</li> </ul>	
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### Attachment #2: Public Works Yard South (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Signage for Each Activity	Quarterly	<ul style="list-style-type: none"> <li>Make sure they are up and effective</li> </ul>	Keep a spare of all signs
Fluid Management	Daily	<ul style="list-style-type: none"> <li>Store oil to minimize leaks and allow cleanup of any that occur</li> <li>Work inside</li> <li>Minimize use of solvents</li> <li>Eliminate leaks in vehicles and equipment, use drip pans</li> <li>Have a Spill Prevention Control and Countermeasure (SPCC) plan up to date. Stockpile of spill cleanup material in plain sight.</li> <li>Recycle used oil. Designate a site to dispose of any fluids drained from vehicles.</li> <li>Have separate receptacles for greasy rags, oil filters, etc.</li> </ul>	Applies to oil, coolant, solvents and paints. Fuel is separate below.
Stormwater	Quarterly	<ul style="list-style-type: none"> <li>Inspect stormwater infiltration structure</li> <li>Inspect Stormwater basin and outfall</li> <li>Inspect inlets, remove/dispose of material at the incinerator or store onsite until adequate amount may be hauled to the local landfill</li> </ul>	Check stormwater facilities after each rainfall greater than 3 inches.
Fueling	Daily	<ul style="list-style-type: none"> <li>Limit fueling of vehicles to the North Public Works Yard "Diesel &amp; Gas Only"</li> <li>Spot-clean leaks and clean up using approved absorbent</li> <li>Report leaking vehicles</li> <li>Concrete fueling pad existing at tank area only.</li> </ul>	
Vehicle Wash Water	Daily	<ul style="list-style-type: none"> <li>Wash inside the existing building is not permitted and is limited to the North Public Works Yard</li> <li>Take vehicles to commercial car washes</li> <li>The non-functioning inlets inside the building should only be used as a secondary trap and cleaned as necessary</li> </ul>	
Salt/Cinder Piles	Weekly Seasonal	<ul style="list-style-type: none"> <li>Haul and store in dry weather</li> <li>Sweep up spill around storage/loading areas</li> <li>Keep rain off stored salt</li> <li>Calibrate spreaders</li> <li>Test cinder piles</li> <li>New Salt building constructed in 2020 including capture areas.</li> </ul>	
Material Storage	Weekly	<ul style="list-style-type: none"> <li>Storage of hazardous materials shall be confined to the South Public Works Yard</li> <li>Stored outside materials shall be confined to the North Public Works Yard</li> </ul>	

## EAST MANCHESTER TOWNSHIP

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### Attachment #3: Streets (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Street Sweeping	Biannually	<ul style="list-style-type: none"> <li>• Notify residents of upcoming street sweeping activities.</li> <li>• Post "No Parking" signs for street sweeping.</li> <li>• Collect, document quantity and adequately dispose of the materials collected by street sweeping. Sweeping completed from April through December.</li> </ul>	Streets are often swept more than two times.
Storm inlets and piping	Inspect after each heavy rain, and maintenance activities	<ul style="list-style-type: none"> <li>• Haul cleanout stockpiled materials to the incinerator or landfill</li> <li>• Install and maintain labels on the storm structures and outfalls</li> </ul>	Labels should identify "No Dumping" and "Drains to the Bay or Stream"
Snow Removal & De-icing	As needed after each snowfall or icing event	<ul style="list-style-type: none"> <li>• Haul and store salt and cinders during dry weather</li> <li>• Calibrate equipment to limit the salt and cinder application based upon the storm type and the anticipated storm amount</li> </ul>	

### Attachment #4: Buildings (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Snow Removal	As needed	<ul style="list-style-type: none"> <li>• Manually remove all snow and ice from building walks limiting the amount of salt used for only extreme icing conditions.</li> </ul>	
Chemical Storage	Daily	<ul style="list-style-type: none"> <li>• Chemical storage shall be adequately stored and labeled.</li> <li>• Convert to phosphate free biodegradable detergents.</li> <li>• Illicit chemicals are not permitted to be stored within the general office area and shall be confined to the South Public Works Yard.</li> </ul>	
Maintenance	As needed	<ul style="list-style-type: none"> <li>• General repairs to the buildings shall be completed limiting earth disturbance and the use of illicit chemicals. All materials such as asphalt, roofing surfaces, carpet, tile, building materials and general waste shall be recycled where applicable or disposed of at the incinerator or landfill.</li> </ul>	

### Attachment #5: Parks (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Stormwater	As needed	<ul style="list-style-type: none"> <li>• Haul cleanout materials to the incinerator or landfill.</li> <li>• Install and maintain labels on the storm structures and outfalls</li> </ul>	Labels should identify "No Dumping" and "Drains to the Bay or Stream"

## EAST MANCHESTER TOWNSHIP

Maintenance	As needed	<ul style="list-style-type: none"> <li>The grounds of Saginaw and Dauberton parks shall be inspected weekly to identify any problems with erosion, illicit discharges, or general damage to the parks.</li> <li>During the months of April through October, porta-johns are provided in the park. Porta-johns shall be anchored to prevent tipping and shall be adequately cleaned on a weekly basis and as needed.</li> <li>General mowing of the parks shall meet the East Manchester Township Zoning Ordinance. Mowing shall be completed with a mulch style mower or the clippings should be bagged and disposed of at the landfill.</li> </ul>	
Trash	Daily	<ul style="list-style-type: none"> <li>Provide trash receptacles at Saginaw and Dauberton parks. Trash shall be emptied from the receptacles Monday through Friday and disposed of at the incinerator.</li> </ul>	

### Attachment #6: Stormwater Conveyance (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Cleaning	As needed	<ul style="list-style-type: none"> <li>Haul cleanout materials to the stockpile, incinerator or landfill</li> <li>Install and maintain labels on the storm structures and outfalls</li> <li>During any street improvement project, the stormwater conveyance system shall be inspected and cleaned</li> </ul>	
Maintenance	As needed	<ul style="list-style-type: none"> <li>Dilapidated stormwater conveyance systems shall be repaired or replaced as needed. The earth adjacent to the repair or replacement shall also be stabilized.</li> <li>Materials removed from the ground shall be recycled or hauled to the land fill pending on the material</li> <li>Stormwater conveyance systems shall be monitored for illicit discharges and erosion to receiving waterways</li> </ul>	

### Attachment #7: Vehicle Operation and Maintenance (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Fueling	As needed	<ul style="list-style-type: none"> <li>Limit fueling of vehicles to the South Public Works Yard</li> <li>Apply "Do Not Top Off Tank with Fuel" signs</li> <li>Spot-clean leaks and clean up using approved absorbent</li> <li>Report leaking vehicles</li> <li>Non diesel vehicles fueled offsite</li> </ul>	
General Maintenance and Repairs	As Needed	<ul style="list-style-type: none"> <li>Store oil to minimize leaks and allow cleanup of any that occur</li> <li>Work inside South Public Works Yard</li> <li>Minimize use of solvents</li> <li>Eliminate leaks in vehicles and equipment; use drip pans</li> <li>Have a Spill Prevention Control and Countermeasure (SPCC) plan up to date. Stockpile of spill cleanup material in plain sight.</li> <li>Recycle used oil. Temporarily store under cover. Designate a site to dispose of any fluids drained from vehicles.</li> </ul>	

## EAST MANCHESTER TOWNSHIP

		<ul style="list-style-type: none"> <li>• Have separate receptacles for greasy rags, oil filters, etc. Stormwater conveyance systems shall be monitored for illicit discharges and erosion to receiving waterways.</li> <li>• Oil changes for vehicles are completed off-site at a recognizable approved mechanic. All fluids are disposed of by the off-site mechanic.</li> <li>• General repairs such as welding, hoses and hydraulic lines are completed in the South Public Works Yard. Spills are adequately cleaned, documented and disposed of in an approved location.</li> </ul>	
Washing	As Needed	<ul style="list-style-type: none"> <li>• Washing of vehicles is only permitted at the North Public Works Yard</li> <li>• Take vehicles to commercial car washes</li> </ul>	

### Attachment #8: Stormwater Basins & Infiltration Structures (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Maintenance	Weekly	<ul style="list-style-type: none"> <li>• Municipal owned basins are located at Dauberton Park</li> <li>• Top of bank and outside side slopes are mowed weekly. Inside side slopes and basin bottoms are mowed annually.</li> <li>• Basins are inspected annually by the Township Engineer and required repairs documented</li> <li>• Large trees are kept free of the basin bottom and fill slopes</li> <li>• The outlet structures are kept free and clear of debris and trash while the outfall is stable. Fence around the perimeter is maintained to prevent unwanted access.</li> <li>• Bare earth or eroded areas are filled, stabilized, seeded and mulched</li> <li>• Municipal owned infiltration structures are located at the North and South Public Works yards. Each is annually inspected. The inlet at the South yard is inspected weekly because of its proximity to the ash pile.</li> </ul>	Basins shall be inspected after each significant rainfall event greater than 3 inches.
Dewatering	As Needed	<ul style="list-style-type: none"> <li>• Basin outlet structures are maintained in working order</li> <li>• Basins are accessible within a 72 hour period after a significant storm event</li> </ul>	
Trash Removal	As Needed	<ul style="list-style-type: none"> <li>• Basins are visually inspected with the park inspection (Attachment #5). Trash is removed from the basin to prevent blockage of the outlet structures.</li> <li>• Trash removed from the basins is disposed of at the incinerator</li> </ul>	

### Attachment #9: Transfer Operation (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Leaf/Yard Debris Pickup	Seasonal	<ul style="list-style-type: none"> <li>• Municipal leaf pickup begins the last Monday in October and continues through the first Friday in December, weather permitting</li> </ul>	Recommend that the leaves be used as compost for landscaping and gardening.

## EAST MANCHESTER TOWNSHIP

		<ul style="list-style-type: none"> <li>Leaves are collected and conveyed to the Sand Bank Recycling center where they are used for compost material and BMP soil mixture</li> <li>Excess leaves are hauled to the incinerator</li> </ul>	
Waste Collection	Weekly	<ul style="list-style-type: none"> <li>Waste pickup is provided through a contracted agent (Penn Waste)</li> </ul>	Grass clippings, stumps, dirt and stones are not considered to be yard waste and shall not be picked up by Penn Waste.
Recyclables	Weekly	<ul style="list-style-type: none"> <li>Recyclable pickup is provided through a contracted agent (Penn Waste)</li> </ul>	

### Attachment #10: Right-of-Way Maintenance (Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Mowing and weed control	Seasonal	<ul style="list-style-type: none"> <li>Mowing is completed along Township-owned and maintained streets</li> <li>Mowing is completed by utilizing a "Tiger Mower"</li> <li>Larger trees within right-of-way are hauled away from site and disposed at the incinerator</li> </ul>	

\* Each new employee shall be trained on these procedures.

\*\* This O&M Plan shall be reviewed annually for possible improvements.

#### b. Stormwater Best Management Practices (BMPs) Duties

The following guidelines are reviewed and revised by East Manchester Township as needed. If work on any part of the Municipal storm water system is conducted by outside contractors, they shall also be required to adhere to the following:

Table 1

Activity	Maintenance Task	Frequency
Storm Structures	<ul style="list-style-type: none"> <li>Measure sediment accumulation levels in each BMP.</li> </ul>	Annually
	<ul style="list-style-type: none"> <li>Inspect during significant storm events to evaluate proper functioning and compare against as-built plans (by engineer).</li> <li>Determine adjustments/corrective measures needed to facilitate BMP functions during wet weather inspection.</li> <li>Yearly Inspection</li> </ul>	Annually
	<ul style="list-style-type: none"> <li>Inspect condition of inlets, trash racks, outfalls, look out points, and risers for evidence of leakage, damage, or corrosion.</li> <li>Repair damaged areas promptly.</li> <li>Keep records of repairs.</li> </ul>	Annually
Mowing	<ul style="list-style-type: none"> <li>Mow grass to a height no less than four inches.</li> <li>Maintain pond/basin perimeter as meadow.</li> <li>Maintain buffer vegetation at least five feet wide along the BMP edge.</li> <li>Do not mow to the water edge.</li> </ul>	Annually

# EAST MANCHESTER TOWNSHIP

	<ul style="list-style-type: none"> <li>Do not direct clipping into the BMP.</li> <li>Do not use chemical fertilizers.</li> <li>Avoid creating tire ruts when mowing along banks as soil can get compacted, killing vegetation and create temporary pools for mosquito larvae.</li> </ul>	
Weeding	<ul style="list-style-type: none"> <li>Inspect and remove invasive plants along BMP perimeters.</li> <li>Dispose of materials in designated area outside BMP.</li> </ul>	Bi-Annually (Spring-Fall)
Rain Gardens, Detention Basins, Bio-Retention, Infiltration, Vegetated Channels	<ul style="list-style-type: none"> <li>Inspect embankments and principal spillways for evidence of sloughing, animal burrows, woody growth, or erosion that may undermine embankments.</li> <li>Repair damaged areas immediately.</li> <li>Keep records of repairs.</li> <li>Inspect internal and external side slopes of the BMP for evidence of sparse vegetative cover or slumping.</li> <li>Repair damaged areas immediately.</li> <li>Remove and dispose of trash, debris, and dead vegetation.</li> <li>Dispose of items properly off-site.</li> <li>Keep records of vandalism and repair measures.</li> </ul>	Bi-Annually (Spring-Fall)
Watering	<ul style="list-style-type: none"> <li>Supplemental watering to be provided during plant establishment period, replacement plantings or periods of rainfall shortage.</li> <li>Water may be pumped from the BMP, if applicable.</li> </ul>	As Directed
Aeration	<ul style="list-style-type: none"> <li>Compacted soils may require aeration to re-establish soil composition, rejuvenate vegetation and reduce weeds.</li> <li>Use core aerator for four-to-six-inch depth.</li> <li>Make 2 passes with aerator.</li> </ul>	As-Directed
Winter Salt on Pavements	<ul style="list-style-type: none"> <li>Minimize salt and de-icing agents adjacent to BMP.</li> <li>Use alternative de-icing agents to rock salt when available.</li> </ul>	As-Directed
Sediment Excavation	<ul style="list-style-type: none"> <li>Remove sediment when pond volume is reduced by 25%.</li> <li>Sediment volume removed shall return BMP to its designed water depth as indicated on approved grading plans.</li> <li>Drain BMP to allow soil to dry and small equipment to access interior for excavations or retain water level and use equipment with extension arm beyond the BMP embankment.</li> <li>Do not store sediment pile within any floodplain or streambank.</li> <li>Review York County Conservation District Erosion and Sedimentation (E&amp;S) control guidelines for on-site BMP sediment removal and storage prior to any excavation work.</li> <li>Material may need to be dried on-site prior to hauling for final disposal.</li> <li>Record activities and volume of material removed.</li> <li>At no time shall the removed sediment be dumped off-site onto property not previously approved by the York County Conservation District.</li> </ul>	Every 7-10 years or as needed



**5. Forms**

**a. Maintenance Record for Equipment**

See attached form.

**b. Maintenance Record for Structures and BMPs**

See attached form.

**c. Training Record for Staff**

See attached form.

EAST MANCHESTER TOWNSHIP

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STAFF TRAINING

TRAINING DATE:	
TRAINING DESCRIPTION:	
NAME OR TRAINER/MODERATOR:	
DEPARTMENT/COMPANY:	

Training was conducted in House?    ☐ Yes                      ☐ No

**Type of Training**

- ☐ Staff Speaker
- ☐ Guest Speaker
- ☐ Conference
- ☐ Webinar/Internet Session
- ☐ Joint Municipal Training
- ☐ Other (Explain) \_\_\_\_\_

**Purpose**

- ☐ Required by Department (Municipal)
- ☐ Required by Government Agency
- ☐ Continuing Education (Sought by Individual)
- ☐ Education offered by Municipality
- ☐ Other (Explain) \_\_\_\_\_

**Attendance**

Attach attendance sheet with names and signatures of employees who received training as a group. Staff receiving individual training and/or continuing education shall attach a copy of their attendance certificate or a copy of the educational session pamphlet.

EAST MANCHESTER TOWNSHIP

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**ATTENDANCE SHEET**

Training Date: .

Training Description:

EMPLOYEE NAME	EMPLOYEE SIGNATURE

**ATTENDANCE**

Attach attendance sheet with names and signatures of employees who received training as a group. Staff receiving individual training and/or continuing education shall attach a copy of their attendance certificate or a copy of the educational session pamphlet.

EAST MANCHESTER TOWNSHIP

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MAINTENANCE RECORD (Equipment)

EQUIPMENT/VEHICLE:	
LOCATION:	
DEPARTMENT IN CHARGE:	

Regular Maintenance Activities: - Provide Description

Work was conducted as: ☐ Regular Maintenance ☐ Discovery or Problem

Reason for Corrective Action: Description of problem found

Comments/Notes:

Repair Complete Date: \_\_\_\_\_

EAST MANCHESTER TOWNSHIP

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MAINTENANCE RECORD (Structures & BMPs)

CONTROL MEASURE:	
LOCATION:	
DEPARTMENT IN CHARGE:	

Regular Maintenance Activities: - Provide Description

Work was conducted as: ☐ Regular Maintenance ☐ Discovery or Problem

Reason for Corrective Action: - Description of problem found

Comments/Notes:

Repair Complete Date: \_\_\_\_\_



BMP INVENTORY  
EAST MANCHESTER TOWNSHIP, YORK COUNTY, PA (3-9-18)

**2012 BMPS:**

745 Market Street  
125 Old School Lane

**2013 BMPS:**

55 Lincoln Place  
399 Riviera Drive  
401 Riviera Drive  
405 Riviera Drive

**2014 BMPS:**

30 Bonita Drive  
395 Cog Hill Way  
70 Coriander Lane  
87 Coriander Lane  
280 Lynne Drive  
165 Rentzel Drive  
315 Riviera Drive  
385 Riviera Drive  
100 Spring Meadows Drive  
120 Spring Meadows Drive

130 Spring Meadows Drive  
150 Spring Meadows Drive  
154 Spring Meadows Drive  
164 Spring Meadows Drive  
174 Spring Meadows Drive  
190 Spring Meadows Drive  
205 Spring Meadows Drive  
244 Spring Meadows Drive

**2015 BMPS:**

360 Cog Hill Way  
5 Coriander Lane  
40 Coriander Lane  
50 Coriander Lane  
55 Coriander Lane  
60 Coriander Lane  
83 Coriander Lane  
93 Coriander Lane  
95 Coriander Lane  
340 Debbie Lane  
150 Don Rene Drive  
155 Fig Tree Way  
804 Locust Street  
110 Lynne Drive

120 Lynne Drive  
5315 North George Street Extended  
470 Pebble Beach Drive  
355 Riviera Drive  
365 Riviera Drive  
375 Riviera Drive  
391 Riviera Drive  
110 Spring Meadows Drive  
135 Spring Meadows Drive  
140 Spring Meadows Drive  
144 Spring Meadows Drive  
155 Spring Meadows Drive  
170 Spring Meadows Drive  
200 Spring Meadows Drive

210 Spring Meadows Drive  
235 Spring Meadows Drive  
240 Spring Meadows Drive

255 Spring Meadows Drive  
230 Spring Meadows Drive  
10 Sweet Gum Court

**2016 BMPS:**

755 Apple Tree Lane  
165 Austin Drive  
340 Cog Hill Way  
20 Coriander Lane  
25 Coriander Lane  
35 Coriander Lane  
45 Coriander Lane  
50 Coriander Lane  
97 Coriander Lane  
365 Debbie Lane  
410 Forge Hill Road  
460 Hollyhock Drive  
670 Locust Street  
250 Lynne Drive

35 Marino Drive  
185 Payne Drive  
181 poplar Lane  
65 Rentzel Drive  
125 Rentzel Drive  
135 Rentzel Drive  
393 Riviera Drive  
171 Spring Meadows Drive  
175 Spring Meadows Drive  
181 Spring Meadows Drive  
201 Spring Meadows Drive  
220 Spring Meadows Drive  
280 Spring Meadows Drive  
294 Spring Meadows Drive

**2017 BMPS:**

200 Abbey Drive  
220 Abbey Drive  
415 Abbey Drive  
10 Auction Drive  
30 Auction Drive  
70 Auction Drive  
170 Austin Drive  
20 Beechwood Drive  
30 Coriander Lane  
65 Coriander Lane  
25 Fig Tree Way  
5125 North George Street  
360 Greenfield Street  
50 Hickory Drive  
5 Hollyhock Drive  
420 Hollyhock Drive

430 Hollyhock Drive  
450 Hollyhock Drive  
185 Lynne Drive  
80 Old Hickory Road  
25 Rentzel Drive  
145 Rentzel Drive  
395 Rentzel Drive  
395 Riviera Drive  
395 Silver Maple Court  
160 Spring Meadows Drive  
170 Spring Meadows Drive  
245 Spring Meadows Drive  
260 Spring Meadows Drive  
270 Spring Meadows Drive  
90 Village Road



**2018 BMPS:**

5290 Board Road  
430 Hillview Road  
405 Hollyhock Drive  
95 Old Hickory Drive  
270 Payne Drive  
155 Rentzel Drive  
250 Riviera Drive  
365 Torrey Pines Drive  
375 Torrey Pines Drive  
65 Village Road  
85 Village Road

65 Don Rene Road  
85 Village Road  
440 Hollyhock Drive  
25 Hollyhock Drive  
335 Torrey Pines Drive  
480 Pebble Beach Drive  
5255 Board Road  
215 Lynne Drive  
440 Hollyhock Drive  
45 Village Drive  
305 Debbie Lane

**2019 BMPS:**

85 Hollyhock Drive  
280 Riviera Street  
400 Hollyhock Drive  
425 Hollyhock Drive  
445 Hollyhock Drive  
455 Hollyhock Drive  
75 Village Road  
410 Hollyhock Drive  
80 Village Drive  
135 Hollyhock Drive  
145 Hollyhock Drive  
65 Don Rene Drive  
145 Hollyhock Drive  
365 Torrey Pines Drive  
415 Hollyhock Drive  
140 Hollyhock Drive  
170 Hollyhock Drive  
120 Hollyhock Drive  
20 Blaine Drive

10 Village Road  
375 Torrey Pines Drive  
365 Torrey Pines Drive  
85 Village Road  
65 Village Road  
405 Hollyhock Drive  
430 Hillview Drive  
250 Riviera Drive  
165 Hollyhock Drive  
435 Hollyhock Drive  
170 Payne Drive  
180 Abbey Drive  
220 Lynne Drive  
125 Payne Drive  
130 Hollyhock Drive  
175 Hollyhock Drive  
30 Blaine Drive  
157 Wagon Way

**2020 BMPS:**

160 Hollyhock Drive  
130 Village Drive  
155 Hollyhock Drive  
370 Hollyhock Drive  
380 Hollyhock Drive  
390 Hollyhock Drive  
123 Village Road  
360 Hollyhock Drive  
40 Village Drive  
4210 North George Street  
430 North Burberry Lane  
95 Blaine Drive  
90 Blaine Drive  
120 Blaine Drive  
216 Hollyhock Drive  
25 Blaine Drive

115 Village Road  
5275 North George Street  
40 Blaine Drive  
120 Village Road  
125 Village Road  
25 Blaine Drive  
70 Wagon Way  
60 Blaine Drive  
113 Village Drive  
260 Poplar Lane  
75 Blaine Drive  
110 Village Drive  
100 Blaine drive  
110 Steffie Drive  
65 Don Rene

**2021 BMPS:**

130 Village Road  
235 Hollyhock Drive  
140 Village Drive  
210 Hollyhock Drive  
380 Pebble Beach Drive  
136 Village Road  
330 Hollyhock Drive  
226 Hollyhock Drive  
200 Hollyhock Drive  
309 Riviera Street  
65 Blaine Drive  
106 Village Road  
191 Poplar Lane  
65 Horseshoe Bend Road  
240 Hollyhock Drive  
70 Blaine Drive  
307 Hollyhock Drive

255 Steffie Drive  
360 Cog Hill Way  
170 Village Drive  
315 Hollyhock Drive  
30 Wagon Way  
336 Hollyhock Drive  
327 Hollyhock Drive  
335 Hollyhock Drive  
206 Hollyhock Drive  
145 Village Road  
80 Wagon Way  
337 Hollyhock Drive  
81 Red Run Church Road  
80 Old School Lane  
110 Blaine Drive  
10 Wagon Way  
203 Hollyhock Drive

1-26-2021

## MS4 FUEL TANK STAFF MEETING

### POINTS DUSCUSSED

- Proper fueling
- Do not top off
- Proper signage
- Proper cleanup

X Ann W

X Nath Kohl

X Mark Shan

X Kevin Brennenman

X Conor Sless

X Adam Paul

X John R

X

1-25-2021

## MS4 STAFF MEETING

### POINTS DISCUSSED

- Inlet Inspections
- Outfall Inspections
- Illicit Discharge
- Street Sweeping
- Shop Maintenance
- Cleanup Procedures
- Material Testing
- Lab Testing

X *[Signature]*

X *[Signature]*

X *[Signature]*

X *[Signature]*

X *[Signature]* X *[Signature]*

X *[Signature]*

X

## Illicit Discharge Determination Form

### 1. Basic information:

Incident start: \_\_\_\_\_ (time) \_\_\_\_\_ (date) Incident end: \_\_\_\_\_ (time) \_\_\_\_\_ (date)

Incident Location/Address: \_\_\_\_\_

Weather during incident: \_\_\_\_\_

Time when the following observations were made: \_\_\_\_\_ Date: \_\_\_\_\_

### 2. Who reported the event to East Manchester Township? (please "✓" all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Field survey screening by maintenance crews                     | <input type="checkbox"/> Other Township employee              |
| <input type="checkbox"/> Field survey screening by illicit discharge inspector           | <input type="checkbox"/> 911/County Control                   |
| <input type="checkbox"/> Call from maintenance crew ( <u>not</u> field survey screening) | <input type="checkbox"/> YCCD (York Co Conservation District) |
| <input type="checkbox"/> Public call, email, public report to police desk                | <input type="checkbox"/> Susquehanna Riverkeeper              |
|  | <input type="checkbox"/> Other: _____                         |

### 3. Material discharged: (please "✓" all that apply).

- |  |   |
|--|---|
| <input type="checkbox"/> Paint   | <input type="checkbox"/> Concrete cutting slurry/washwater                          |
| <input type="checkbox"/> Concrete  | <input type="checkbox"/> Vehicle cleaning washwater                                 |
| <input type="checkbox"/> Construction debris   | <input type="checkbox"/> Building/sidewalk washwater                                |
| <input type="checkbox"/> Medical wastes  | <input type="checkbox"/> Other washwater  |
| <input type="checkbox"/> Food wastes   | <input type="checkbox"/> Sewage   |
| <input type="checkbox"/> Industrial wastes (solvents, metals, corrosives, cooling tower blowdown, etc) | <input type="checkbox"/> Automotive fluids (antifreeze, used motor oil, fuels, etc) |
|  | <input type="checkbox"/> Unknown material   |
|  | <input type="checkbox"/> Other: _____   |

### 4. Amount of material discharged (i.e., 55 gallons, 18 pounds, 2 super sacks):

\_\_\_\_\_ (quantity) \_\_\_\_\_ (units)

### 5. Describe the material in terms of odor, color, turbidity, viscosity, pH, etc.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### 6. The material was discharged to:

- |  |  |
|--|--|
| <input type="checkbox"/> Sanitary sewer              | <input type="checkbox"/> Curb, street            |
| <input type="checkbox"/> Storm sewer, swale          | <input type="checkbox"/> Soil                    |
| <input type="checkbox"/> Body of water (creek, pond) | <input type="checkbox"/> Other (describe): _____ |

Additional Notes (i.e., fish kill, covered fowl, abnormal aquatic behavior, etc.): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**7. Who responded to the event? (please "✓" all that apply):**

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fire Department    | <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Other Municipal Fire/Police       |
| <input type="checkbox"/> Police Department  | <input type="checkbox"/> DEP                  | <input type="checkbox"/> Permits, Planning & Zoning        |
| <input type="checkbox"/> MIPP               | <input type="checkbox"/> YCEMA                | <input type="checkbox"/> York County Conservation District |
| <input type="checkbox"/> Highway Department | <input type="checkbox"/> PEMA                 | <input type="checkbox"/> Other (please list): _____        |
|   | <input type="checkbox"/> Hazmat               |  |

**8. Describe the incident:**

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**9. What actions were taken?**

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**10. The source of the material was:**

- |  |   |
|--|---|
| <input type="checkbox"/> Could not be identified | <input type="checkbox"/> Construction site                  |
| <input type="checkbox"/> Industrial              | <input type="checkbox"/> Transportation/major auto accident |
| <input type="checkbox"/> Commercial              | <input type="checkbox"/> Minor auto accident                |
| <input type="checkbox"/> Residential             | <input type="checkbox"/> Other (describe): _____            |

**11. Which of the following best describes this event?**

- ☐ This illicit discharge was abated (mitigated or terminated by action of responders).
- ☐ This illicit discharge is on-going and was previously reported. The ID number and date of previous discharge(s) are: \_\_\_\_\_
- ☐ Abatement not required.
- ☐ Not abated.

**12. Which enforcement activities were conducted?**

- ☐ Verbal Notice                      ☐ Warning Notice
- ☐ Administrative Action           ☐ Administrative Action w/Penalty and/or Fine/Cost Recovery
- ☐ Legal Notice                      ☐ None

**13. Were photographs taken?**

- ☐ Yes           ☐ No

If yes, location of digital files: \_\_\_\_\_

**14. Were water samples taken?**

- ☐ Yes           ☐ No

If yes, Sample ID \_\_\_\_\_, and attach a copy of the chain of custody (and results when received).

**15. Please provide additional information if known:**

Watershed Name: \_\_\_\_\_ Outfall Number: \_\_\_\_\_

Additional Comments/Notes: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**16. Evaluator information:**

Evaluator Name: \_\_\_\_\_ Title: \_\_\_\_\_

Phone Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

Source In The Township?    ☐ Yes    ☐ No    ☐ Can not be determined

Affected The Township?    ☐ Yes    ☐ No    ☐ Not Applicable

Illicit Discharge?    ☐ Yes    ☐ No    ☐ Can not be determined    Database Record #: \_\_\_\_\_

Data entered into illicit discharge database on: \_\_\_\_\_ (date) by \_\_\_\_\_ (initials)





**EAST MANCHESTER TOWNSHIP  
YORK COUNTY, PENNSYLVANIA**

**ORDINANCE NO. 2007-4**

**AN ORDINANCE PROVIDING FOR THE DETECTION AND  
ELIMINATION OF ILLICIT DISCHARGES TO THE MUNICIPAL  
SEPARATE STORM SEWER SYSTEM OF EAST MANCHESTER  
TOWNSHIP, YORK COUNTY, PENNSYLVANIA**

**WHEREAS**, East Manchester Township, York County, Pennsylvania (Township) is a municipal corporation and a political subdivision being a Second Class Township; and

**WHEREAS**, the Township is classified as a small municipal separate storm sewer system (MS4) under the Phase II stormwater regulations promulgated by the United States Environmental Protection Agency (EPA) and implemented by the Pennsylvania Department of Environmental Protection (DEP); and

**WHEREAS**, the Township has sought and obtained coverage under the DEP's National Pollution Discharge Elimination System (NPDES) General Permit for MS4s; and

**WHEREAS**, the General Permit requires the Township to take certain precautions to detect and eliminate illicit discharges of pollutants to the MS4; and

**WHEREAS**, the purpose of this ordinance is to establish methods for controlling the illicit discharge of pollutants into the MS4 in order to comply with requirements of the General Permit.

**NOW THEREFORE, BE IT ORDAINED AND ENACTED**, by the Board of Supervisors of East Manchester Township, York County, Pennsylvania, and it is hereby ordained and enacted as follows:

**SECTION 1. DEFINITIONS.** For the purposes of this ordinance, the following shall mean:

*Best Management Practices (BMPs)*: schedules of activities, prohibitions of practices, general good house keeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants directly or indirectly to stormwater, receiving waters, or stormwater conveyance systems. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

*Clean Water Act:* The Federal Water Pollution Control Act (33 U.S.C. § 1251 et seq.), and any subsequent amendments thereto.

*Construction Activity:* Activities subject to NPDES Construction Permits. Beginning in March 2003, NPDES Storm Water Phase II permits will be required for construction projects resulting in land disturbance of 1 acre or more. Such activities include but are not limited to clearing and grubbing, grading, excavating, and demolition.

*DEP:* Pennsylvania Department of Environmental Protection.

*Hazardous Materials:* Any material, including any substance, waste, or combination thereof, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, a substantial present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

*Illicit Connections:* An illicit connection is defined as either of the following:

Any drain or conveyance, whether on the surface or subsurface, which allows an illegal discharge to enter the storm drain system including but not limited to any conveyances which allow any non-storm water discharge including sewage, process wastewater, or wash water to enter the storm drain system and any connections to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection had been previously allowed, permitted, or approved by an authorized enforcement agency or,

Any drain or conveyance connected from a commercial or industrial land use to the storm drain system which has not been documented in plans, maps, or equivalent records and approved by an authorized enforcement agency.

*Illicit Discharge:* As defined in Section 6.

*Industrial Activity:* Activities subject to NPDES Industrial Permits as defined in 40 CFR, Section 122.26 (b)(14).

*Township:* East Manchester Township, York County, Pennsylvania.

*National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge Permit:* A permit issued by EPA (or by PA DEP under authority delegated pursuant to 33 USC § 1342(b)) that authorizes the discharge of pollutants to waters of the United States, whether the permit is applicable on an individual, group, or general area-wide basis.

*Non-Storm Water Discharge:* Any discharge to the storm drain system that is not composed entirely of storm water.

*Person:* Any individual, association, organization, partnership, firm, corporation or other entity recognized by law and acting as either the owner or as the owner's agent.

*Pollutant:* Anything which causes or contributes to pollution. Pollutants may include, but are not limited to: paints, varnishes, and solvents; oil and other automotive fluids; non-hazardous liquid and solid wastes and yard wastes; refuse, rubbish, garbage, litter, or other discarded or abandoned objects, ordnances, and accumulations, so that same may cause or contribute to pollution; floatables; pesticides, herbicides, and fertilizers; hazardous substances and wastes; sewage, fecal coliform and pathogens; dissolved and particulate metals; animal wastes; wastes and residues that result from constructing a building or structure; and noxious or offensive matter of any kind.

*Premises:* Any building, lot, parcel of land, or portion of land whether improved or unimproved including adjacent sidewalks and parking strips.

*Storm Drainage System:* Privately- or Publicly-owned facilities by which storm water is collected and/or conveyed, including but not limited to any roads with drainage systems, municipal streets, gutters, curbs, inlets, piped storm drains, pumping facilities, retention and detention basins, natural and human-made or altered drainage channels, reservoirs, and other drainage structures.

*Storm Water:* Any surface flow, runoff, and drainage consisting entirely of water from any form of natural precipitation, and resulting from such precipitation.

*Stormwater Pollution Prevention Plan:* A document which describes the Best Management Practices and activities to be implemented by a person or business to identify sources of pollution or contamination at a site and the actions to eliminate or reduce pollutant discharges to Stormwater, Stormwater Conveyance Systems, and/or Receiving Waters to the Maximum Extent Practicable.

*Wastewater:* Any water or other liquid, other than uncontaminated storm water, discharged from a facility.

**SECTION 2. APPLICABILITY.** This Ordinance shall apply to all water entering the storm drain system of the Township generated on any developed or undeveloped lands unless explicitly exempted by the Township.

**SECTION 3. RESPONSIBILITY FOR ADMINISTRATION.** The Township shall administer, implement, and enforce the provisions of this Ordinance. Any powers granted or duties imposed upon the Township may be delegated in writing by the governing body of the Township to employees, agents or designees of the Township.

**SECTION 4. SEVERABILITY.** The provisions of this ordinance are hereby declared to be severable. If any provision, clause, sentence, or paragraph of this Ordinance or the application thereof to any person, establishment, or circumstances shall

be held invalid, such invalidity shall not affect the other provisions or application of this Ordinance.

**SECTION 5. ULTIMATE RESPONSIBILITY.** The standards set forth herein and promulgated pursuant to this Ordinance are minimum standards; therefore this Ordinance does not intend nor imply that compliance by any person will ensure that there will be no contamination, pollution, nor unauthorized discharge of pollutants.

**SECTION 6. PROHIBITION OF ILLICIT DISCHARGES.** No person shall discharge or cause to be discharged into the Township's storm drain system or watercourses any materials, including but not limited to pollutants or waters containing any pollutants that cause or contribute to a violation of applicable water quality standards, other than storm water. Any discharge in violation of this Section 6 shall be considered "Illicit Discharges", except as exempted below.

The commencement, conduct or continuance of any Illicit Discharge to the storm drain system is prohibited except as described as follows:

(a) The following discharges are exempt from discharge prohibitions established by this ordinance: water line flushing or other potable water sources, landscape irrigation or lawn watering, diverted stream flows, rising ground water, ground water infiltration to storm drains, uncontaminated pumped ground water, foundation or footing drains (not including active groundwater dewatering systems), crawl space pumps, air conditioning condensation, springs, non-commercial washing of vehicles, natural riparian habitat or wet-land flows, swimming pools (if dechlorinated - typically less than one PPM chlorine), fire fighting activities, and any other water source not containing Pollutants.

(b) Discharges specified in writing by the Township as being necessary to protect public health and safety.

(c) Dye testing is an allowable discharge, but requires a verbal notification to the Township prior to the time of the test.

(d) The prohibition shall not apply to any non-storm water discharge permitted under an NPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of DEP, provided that the discharger is in full compliance with all requirements of the permit, waiver, or order and other applicable laws and regulations, and provided that written approval has been granted for any discharge to the storm drain system.

**SECTION 7. PROHIBITION OF ILLICIT CONNECTIONS.** The construction, use, maintenance or continued existence of Illicit Connections to the storm drain system is prohibited.

(a) This prohibition expressly includes, without limitation, Illicit Connections made in the past, regardless of whether the connection was

permissible under law or practices applicable or prevailing at the time of connection.

(b) A person is considered to be in violation of this Ordinance if the person connects a line conveying sewage to the MS4, or allows such a connection to continue.

#### **SECTION 8. SUSPENSION OF MS4 ACCESS.**

(a) *Suspension due to Illicit Discharges in Emergency Situations.* The Township may, without prior notice, suspend MS4 discharge access to a person when such suspension is necessary to stop an actual or threatened discharge which presents or may present imminent and substantial danger to the environment, or to the health or welfare of persons, or to the MS4 or Waters of the Commonwealth of Pennsylvania or the United States. If the violator fails to comply with a suspension order issued in an emergency, the Township may take such steps as deemed necessary to prevent or minimize damage to the MS4 or Waters of the United States, or to minimize danger to persons, including, without limitation, entering onto property for the purpose of disconnecting and/or performing emergency maintenance or repairs to storm sewers. In the event the Township must disconnect or perform emergency maintenance and/or repairs, the Township may file and attach a municipal lien on the property which is causing the Illicit Discharge.

(b) *Suspension due to the Detection of Illicit Discharge or Illicit Connection.* Any person discharging to the MS4 in violation of this Ordinance may have their MS4 access terminated if such termination would abate or reduce an Illicit Discharge or Illicit Connection. The Township will notify a violator of the proposed termination of its MS4 access. The violator may petition the Township for a reconsideration and hearing.

A person commits an offense if the person reinstates MS4 access to premises terminated pursuant to this Section, without the prior approval of the Township.

**SECTION 9. INDUSTRIAL OR CONSTRUCTION ACTIVITY DISCHARGES.** Any person subject to an industrial or construction activity NPDES storm water discharge permit shall comply with all provisions of such permit. Proof of compliance with said permit shall be required in a form acceptable to the Township prior to the allowing of discharges to the MS4.

#### **SECTION 10. MONITORING OF DISCHARGES.**

a. Applicability.

This section applies to all facilities that have storm water discharges associated with industrial activity, including construction activity.

b. Access to Facilities.

i. The Township shall be permitted to enter and inspect facilities subject to regulation under this Ordinance as often as may be necessary to determine compliance with this Ordinance. If a discharger has security measures in force which require proper identification and clearance before entry into its premises, the discharger shall make the necessary arrangements to allow access to representatives of the Township.

ii. Facility operators shall allow the Township ready access to all parts of the premises for the purposes of inspection, sampling, examination and copying of records that must be kept under the conditions of an NPDES permit to discharge storm water, and the performance of any additional duties as defined by state and federal law.

iii. The Township shall have the right to set up on any permitted facility such devices as are necessary in the opinion of the authorized enforcement agency to conduct monitoring and/or sampling of the facility's storm water discharge.

iv. The Township has the right to require the discharger to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the discharger at its own expense. All devices used to measure stormwater flow and quality shall be calibrated to ensure their accuracy.

v. Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the operator at the written or oral request of Township and shall not be replaced. The costs of clearing such access shall be borne by the operator.

vi. Unreasonable delays in allowing Township access to a permitted facility is a violation of a storm water discharge permit and of this Ordinance. A person who is the operator of a facility with a NPDES permit to discharge storm water associated with industrial activity commits an offense if the person denies the Township reasonable access to the permitted facility for the purpose of conducting any activity authorized or required by this Ordinance.

vii. If Township has been refused access to any part of the premises from which stormwater is discharged, and it is able to demonstrate probable cause to believe that there may be a violation of this Ordinance, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program designed to verify compliance

with this ordinance or any order issued hereunder, or to protect the overall public health, safety, and welfare of the community, then the Township may seek issuance of a search warrant from any court of competent jurisdiction.

**SECTION 11. REQUIREMENT TO PREVENT, CONTROL, AND REDUCE STORM WATER POLLUTANTS BY THE USE OF BEST MANAGEMENT PRACTICES.** Township will adopt requirements identifying Best Management Practices for any activity, operation, or facility which may cause or contribute to pollution or contamination of storm water, the storm drain system, or waters of the U.S. The owner or operator of a commercial or industrial establishment shall provide, at their own expense, reasonable protection from accidental discharge of prohibited materials or other wastes into the municipal storm drain system or watercourses through the use of these structural and non-structural BMPs. Further, any person responsible for a property or premise, which is, or may be, the source of an Illicit Discharge, may be required to implement, at said person's expense, additional structural and non-structural BMPs to prevent the further discharge of pollutants to the municipal separate storm sewer system. Compliance with all terms and conditions of a valid NPDES permit authorizing the discharge of storm water associated with industrial activity, to the extent practicable, shall be deemed in compliance with the provisions of this section. These BMPs shall be part of a stormwater pollution prevention plan (SWPP) as necessary for compliance with requirements of the NPDES permit.

**SECTION 12. WATERCOURSE PROTECTION.** Every person owning property through which a watercourse passes, or such person's lessee, shall keep and maintain that part of the watercourse within the property free of trash, debris, excessive vegetation, and other obstacles that would pollute, contaminate, or significantly retard the flow of water through the watercourse. In addition, the owner or lessee shall maintain existing privately owned structures within or adjacent to a watercourse, so that such structures will not become a hazard to the use, function, or physical integrity of the watercourse.

**SECTION 13. NOTIFICATION OF SPILLS.** Notwithstanding other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation has information of any known or suspected release of materials which are resulting or may result in an Illicit Discharges or pollutants discharging into storm water, the storm drain system, or water of the U.S. said person shall take all necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of hazardous materials said person shall immediately notify emergency response agencies of the occurrence via emergency dispatch services. In the event of a release of non-hazardous materials, said person shall notify the Township in person or by phone or facsimile no later than the next business day. Notifications in person or by phone shall be confirmed by written notice addressed and mailed to the Township within three business days of the phone notice. If the discharge of prohibited materials emanates from a commercial or industrial establishment, the owner or operator of such establishment shall also retain an on-site

written record of the discharge and the actions taken to prevent its recurrence. Such records shall be retained for at least three years.

#### **SECTION 14. ENFORCEMENT.**

##### **a. Notice of Violation.**

Whenever the Township finds that a person has violated a prohibition or failed to meet a requirement of this Ordinance, the Township may order compliance by written notice of violation to the responsible person. Such notice may require without limitation:

- i. The performance of monitoring, analyses, and reporting;
- ii. The elimination of Illicit Connections or Illicit Discharges;
- iii. That violating discharges, practices, or operations shall cease and desist;
- iv. The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property;
- v. Payment of a fine to cover administrative and remediation costs; and
- vi. The implementation of source control or treatment BMPs.

If abatement of a violation and/or restoration of affected property is required, the notice shall set forth a deadline within which such remediation or restoration must be completed. Said notice shall further advise that, should the violator fail to remediate or restore within the established deadline, the work will be done by a designated governmental agency or a contractor and the expense thereof shall be charged to the violator or assessed as a municipal lien on the property.

**SECTION 15. APPEAL OF NOTICE OF VIOLATION.** Any person receiving a Notice of Violation may appeal the determination of the Township. The notice of appeal must be received within 30 days from the date of the Notice of Violation. Hearing on the appeal before a designated hearing representative of the Township shall take place within 60 days from the date of receipt of the notice of appeal. The decision of the Township or their designee shall be final.

**SECTION 16. ENFORCEMENT MEASURES AFTER APPEAL.** If the violation has not been corrected pursuant to the requirements set forth in the Notice of Violation, or, in the event of an appeal, within 15 days of the hearing representative's decision upholding the decision of the Township, then representatives of the Township shall enter upon the subject private property and may take any and all measures necessary to abate the violation and/or restore the property. It shall be unlawful for any person,



owner, agent or person in possession of any premises to refuse to allow the Township or designated contractor to enter upon the premises for the purposes set forth above.

**SECTION 17. COST OF ABATEMENT OF THE VIOLATION.**

Within 30 days after abatement of the violation, the owner of the property will be notified of the cost of abatement, including administrative costs. The property owner may thereafter file a written protest objecting to the amount of the assessment within 30 days. If the amount due is not paid within a timely manner as determined by the decision of the municipal authority or by the expiration of the time in which to file an appeal, the charges shall become a special assessment against the property and shall constitute a municipal lien on the property for the amount of the assessment.

**SECTION 18. INJUNCTIVE RELIEF.**

It shall be unlawful for any person to violate any provision or fail to comply with any of the requirements of this Ordinance. If a person has violated or continues to violate the provisions of this Ordinance, the Township may petition for a preliminary or permanent injunction restraining the person from activities which would create further violations or compelling the person to perform abatement or remediation of the violation.

**SECTION 19. COMPENSATORY ACTION.**

In lieu of enforcement proceedings, penalties, and remedies authorized by this Ordinance, the authorized enforcement agency may impose upon a violator alternative compensatory actions, such as storm drain stenciling, attendance at compliance workshops, creek cleanup, etc.

**SECTION 20. VIOLATIONS DEEMED A PUBLIC NUISANCE.**

In addition to the enforcement processes and penalties provided, any condition caused or permitted to exist in violation of any of the provisions of this Ordinance is a threat to public health, safety, and welfare, and is declared and deemed a public nuisance, and may be summarily abated or restored at the violator's expense, and/or a civil action to abate, enjoin, or otherwise compel the cessation of such public nuisance may be taken.

**SECTION 21. CRIMINAL PROSECUTION.**

Any person that has violated or continues to violate this Ordinance shall be liable to criminal prosecution to the fullest extent of the law, and shall be subject to a criminal penalty of up to \$1,000 dollars per violation per day and/or imprisonment for a period of time not to exceed 90 days.

**SECTION 22. ATTORNEY FEES AND COSTS.**

The Township may recover all attorneys' fees, court costs and other expenses associated with enforcement of this ordinance, either criminal or civil, including sampling and monitoring expenses or other costs of investigation.

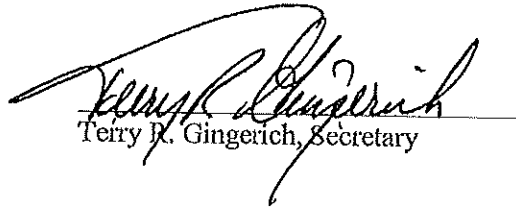
**SECTION 23. REMEDIES NOT EXCLUSIVE.**

The remedies listed in this Ordinance are not exclusive of any other remedies available under any applicable federal, state or local law and it is within the discretion of the Township to seek cumulative remedies.

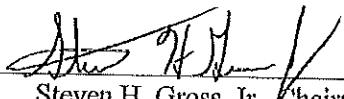
**SECTION 24. ADOPTION OF ORDINANCE.** This Ordinance shall be in full force and effect 5 days after its final passage and adoption. All prior ordinances and parts of ordinances in conflict with this Ordinance are hereby repealed.

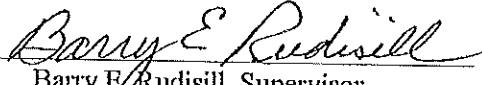
ORDAINED AND ENACTED this 9<sup>TH</sup> day of OCTOBER, 2007.

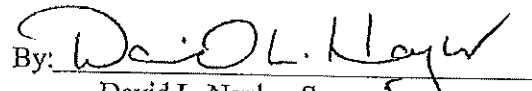
ATTEST:

  
Terry R. Gingrich, Secretary

EAST MANCHESTER TOWNSHIP  
BOARD OF SUPERVISORS

By:   
Steven H. Gross, Jr., Chairman

By:   
Barry E. Rudisill, Supervisor

By:   
David L. Naylor, Supervisor

(SEAL)

## Illicit Discharge Determination Form

### 1. Basic information:

Incident start: 855am (time) 6/1/21 (date) Incident end: \_\_\_\_\_ (time) \_\_\_\_\_ (date)

Incident Location/Address: 636 Dellinger Rd Mt Wolf PA 17347

Weather during incident: \_\_\_\_\_

Time when the following observations were made: \_\_\_\_\_ Date: \_\_\_\_\_

### 2. Who reported the event to East Manchester Township? (please "✓" all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Field survey screening by maintenance crews                 | <input type="checkbox"/> Other Township employee              |
| <input type="checkbox"/> Field survey screening by illicit discharge inspector       | <input type="checkbox"/> 911/County Control                   |
| <input type="checkbox"/> Call from maintenance crew (not field survey screening)     | <input type="checkbox"/> YCCD (York Co Conservation District) |
| <input checked="" type="checkbox"/> Public call, email, public report to police desk | <input type="checkbox"/> Susquehanna Riverkeeper              |
|  | <input type="checkbox"/> Other: _____                         |

### 3. Material discharged: (please "✓" all that apply).

- |  |   |
|--|---|
| <input type="checkbox"/> Paint   | <input type="checkbox"/> Concrete cutting slurry/washwater                          |
| <input type="checkbox"/> Concrete  | <input type="checkbox"/> Vehicle cleaning washwater                                 |
| <input type="checkbox"/> Construction debris   | <input type="checkbox"/> Building/sidewalk washwater                                |
| <input type="checkbox"/> Medical wastes  | <input type="checkbox"/> Other washwater  |
| <input type="checkbox"/> Food wastes   | <input checked="" type="checkbox"/> Sewage  |
| <input type="checkbox"/> Industrial wastes (solvents, metals, corrosives, cooling tower blowdown, etc) | <input type="checkbox"/> Automotive fluids (antifreeze, used motor oil, fuels, etc) |
|  | <input type="checkbox"/> Unknown material   |
|  | <input type="checkbox"/> Other: _____   |

### 4. Amount of material discharged (i.e., 55 gallons, 18 pounds, 2 super sacks):

\_\_\_\_\_ (quantity) \_\_\_\_\_ (units)

### 5. Describe the material in terms of odor, color, turbidity, viscosity, pH, etc.

Soggy front yard

### 6. The material was discharged to:

- |  |  |
|--|--|
| <input type="checkbox"/> Sanitary sewer              | <input type="checkbox"/> Curb, street  |
| <input type="checkbox"/> Storm sewer, swale          | <input type="checkbox"/> Soil  |
| <input type="checkbox"/> Body of water (creek, pond) | <input checked="" type="checkbox"/> Other (describe): <u>Contaminated well on site</u> |

Additional Notes (i.e., fish kill, covered fowl, abnormal aquatic behavior, etc.): \_\_\_\_\_

Tenant had well tested

7. Who responded to the event? (please "✓" all that apply):

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fire Department    | <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Other Municipal Fire/Police                     |
| <input type="checkbox"/> Police Department  | <input type="checkbox"/> DEP                  | <input type="checkbox"/> Permits, Planning & Zoning                      |
| <input type="checkbox"/> MIPP               | <input type="checkbox"/> YCEMA                | <input type="checkbox"/> York County Conservation District               |
| <input type="checkbox"/> Highway Department | <input type="checkbox"/> PBMA                 | <input checked="" type="checkbox"/> Other (please list): <u>Hunnings</u> |
|   | <input type="checkbox"/> Hazmat               | <u>SEO Keith Hunnings</u>  |

8. Describe the incident:

See attached concern form from phone call between resident and zoning officer.

9. What actions were taken?

Twp manager forwarded email to SEO Keith Hunnings and Twp Engineer Byron Trout. Keith said he would follow up.

10. The source of the material was:

- |  |   |
|--|---|
| <input type="checkbox"/> Could not be identified | <input type="checkbox"/> Construction site                  |
| <input type="checkbox"/> Industrial              | <input type="checkbox"/> Transportation/major auto accident |
| <input type="checkbox"/> Commercial              | <input type="checkbox"/> Minor auto accident                |
| <input checked="" type="checkbox"/> Residential  | <input type="checkbox"/> Other (describe):                  |

11. Which of the following best describes this event?

☐ This illicit discharge was abated (mitigated or terminated by action of responders).

☐ This illicit discharge is on-going and was previously reported. The ID number and date of previous discharge(s) are: \_\_\_\_\_

☐ Abatement not required.

☐ Not abated.

12. Which enforcement activities were conducted?

☐ Verbal Notice ☐ Warning Notice

☐ Administrative Action ☐ Administrative Action w/Penalty and/or Fine/Cost Recovery

☐ Legal Notice ☐ None

13. Were photographs taken?

☐ Yes ☐ No

If yes, location of digital files: \_\_\_\_\_

14. Were water samples taken?

☐ Yes ☐ No

If yes, Sample ID \_\_\_\_\_, and attach a copy of the chain of custody (and results when received).

15. Please provide additional information if known:

Watershed Name: \_\_\_\_\_ Outfall Number: \_\_\_\_\_

Additional Comments/Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

16. Evaluator information:

Evaluator Name: Keith Hunnings Title: Alt. SEO

Phone Number: \_\_\_\_\_ E-mail: Keith@Southpenn.net

Source In The Township? ☐ Yes ☒ No ☐ Can not be determined

Affected The Township? ☐ Yes ☒ No ☐ Not Applicable

Illicit Discharge? ☒ Yes ☐ No ☐ Can not be determined Database Record #: \_\_\_\_\_

Data entered into illicit discharge database on: \_\_\_\_\_ (date) by \_\_\_\_\_ (initials)

**Kristie Masemer**

---

**From:** Kristie Masemer  
**Sent:** Tuesday, June 1, 2021 11:41 AM  
**To:** Keith Hunnings; Cindy Ferree  
**Cc:** Brittany Kohler; East Manchester Township; 'Byron Trout'  
**Subject:** RE: New submission from Concern Form

Thank you Keith. The tenant, Jada, asked for you to please call her. Thank you!

Owner:  
Oleg M. & Inna Golotin  
420 Apple Tree Ln.  
Mt. Wolf, PA 17347

*Kristie Masemer*  
Manager/Secretary/Treasurer  
East Manchester Township  
Office: 717-266-4279  
[Manager@emanchestertwp.com](mailto:Manager@emanchestertwp.com)

---

**From:** Keith Hunnings <[keith@southpenn.net](mailto:keith@southpenn.net)>  
**Sent:** Tuesday, June 1, 2021 11:28 AM  
**To:** Kristie Masemer <[Manager@emanchestertwp.com](mailto:Manager@emanchestertwp.com)>; 'Byron Trout' <[btrout@glba-engineering.com](mailto:btrout@glba-engineering.com)>; Cindy Ferree <[cindy@southpenn.net](mailto:cindy@southpenn.net)>  
**Cc:** Brittany Kohler <[ZoningOfficer@emanchestertwp.com](mailto:ZoningOfficer@emanchestertwp.com)>; East Manchester Township <[Emantwp@emanchestertwp.com](mailto:Emantwp@emanchestertwp.com)>  
**Subject:** RE: New submission from Concern Form

Kristie, We will take a look at the issue. Sorry was in a staff meeting at Shrewsbury this morning. We will have to send a letter to the owner. Do you have the owners home address? Thanks Keith

---

**From:** Kristie Masemer <[Manager@emanchestertwp.com](mailto:Manager@emanchestertwp.com)>  
**Sent:** Tuesday, June 1, 2021 11:12 AM  
**To:** Keith Hunnings <[keith@southpenn.net](mailto:keith@southpenn.net)>; 'Byron Trout' <[btrout@glba-engineering.com](mailto:btrout@glba-engineering.com)>  
**Cc:** Brittany Kohler <[ZoningOfficer@emanchestertwp.com](mailto:ZoningOfficer@emanchestertwp.com)>; East Manchester Township <[Emantwp@emanchestertwp.com](mailto:Emantwp@emanchestertwp.com)>  
**Subject:** FW: New submission from Concern Form  
**Importance:** High

Keith and Byron,

We received the below concern form and phone call today from a tenant that claims to have a septic system that is backing up into the yard and has contaminated the well. She had the well tested and it tested positive for e coli. They do not have water because of this. There are multiple rental units on this property. The land lord, Oleg Golotin, poured chlorine into the well and said that fixed it. Can you please investigate this? If they in fact do not have water and such, let us know, because it appears we may need to deem the property until it's fixed. Thank you.

*Kristie Masemer*

Manager/Secretary/Treasurer  
East Manchester Township  
Office: 717-266-4279  
[Manager@emanchestertwp.com](mailto:Manager@emanchestertwp.com)

From: Jada Hutton <[wordpress@emanchestertwp.com](mailto:wordpress@emanchestertwp.com)>  
Sent: Tuesday, June 1, 2021 8:55 AM  
To: East Manchester Township <[Emantwp@emanchestertwp.com](mailto:Emantwp@emanchestertwp.com)>  
Subject: New submission from Concern Form

**Name**

Jada Hutton

**Phone**

(717) 654-6246

**Email**

[emantwp@emanchestertwp.com](mailto:emantwp@emanchestertwp.com)

**Your Address**

636 Dellinger Road  
MT Wolf, Pennsylvania 17347  
United States  
[Map It](#)

**Address of Concern**

636 Dellinger Road  
MT Wolf, Pennsylvania 17347  
United States  
[Map It](#)

**Concern comments:**

Jada called the Township and stated that her well and septic are both contaminated and her landlord won't do anything about it. She said her front yard is very soft and the septic is draining into the yard. She hasn't had water since Thursday of last week. She is going to her parents to get a shower for her and the kids. There are two units on this property. Jada, her husband, and 2 kids live in one house and her husband's mother lives in the other house. She is concerned because her landlord won't help them and get the water fixed. She has asked her landlord for two years to fix the septic because it needs replaced because it is backing up in the yard.

Landlord: Oleg Golotin (412-297-9680)

## Illicit Discharge Determination Form

**1. Basic information:**

Incident start: 1:30pm (time) 4/22/21 (date) Incident end: 5 (time) 6/1/21 (date)

Incident Location/Address: 3821 N Sherman St (X) → house by → rental creek

Weather during incident: Cloudy

Time when the following observations were made: 1:40pm Date: 4/22/21

**2. Who reported the event to East Manchester Township? (please "✓" all that apply):**

<input type="checkbox"/> Field survey screening by maintenance crews	<input type="checkbox"/> Other Township employee
<input type="checkbox"/> Field survey screening by illicit discharge inspector	<input type="checkbox"/> 911/County Control
<input type="checkbox"/> Call from maintenance crew (not field survey screening)	<input type="checkbox"/> YCCD (York Co Conservation District)
<input type="checkbox"/> Public call, email, public report to police desk	<input type="checkbox"/> Susquehanna Riverkeeper
	<input checked="" type="checkbox"/> Other: <u>Mt. Wolf Fire Dept.</u> <u>Chief Jake Bush</u>

**3. Material discharged: (please "✓" all that apply):**

<input type="checkbox"/> Paint	<input type="checkbox"/> Concrete cutting slurry/washwater
<input type="checkbox"/> Concrete	<input type="checkbox"/> Vehicle cleaning washwater
<input type="checkbox"/> Construction debris	<input type="checkbox"/> Building/sidewalk washwater
<input type="checkbox"/> Medical wastes	<input type="checkbox"/> Other washwater
<input type="checkbox"/> Food wastes	<input checked="" type="checkbox"/> Sewage
<input type="checkbox"/> Industrial wastes (solvents, metals, corrosives, cooling tower blowdown, etc)	<input type="checkbox"/> Automotive fluids (antifreeze, used motor oil, fuels, etc)
	<input type="checkbox"/> Unknown material
	<input type="checkbox"/> Other: _____

**4. Amount of material discharged (i.e., 55 gallons, 18 pounds, 2 super sacks):**

? (quantity) \_\_\_\_\_ (units)

**5. Describe the material in terms of odor, color, turbidity, viscosity, pH, etc.**

SEWAGE (raw sewage)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**6. The material was discharged to:**

<input type="checkbox"/> Sanitary sewer	<input type="checkbox"/> Curb, street
<input type="checkbox"/> Storm sewer, swale	<input checked="" type="checkbox"/> Soil
<input type="checkbox"/> Body of water (creek, pond)	<input type="checkbox"/> Other (describe): _____

Additional Notes (i.e., fish kill, covered fowl, abnormal aquatic behavior, etc.): \_\_\_\_\_

\_\_\_\_\_



7. Who responded to the event? (please "✓" all that apply):

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fire Department    | <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Other Municipal Fire/Police                                     |
| <input type="checkbox"/> Police Department             | <input type="checkbox"/> DEP                  | <input type="checkbox"/> Permits, Planning & Zoning                                      |
| <input type="checkbox"/> MIPP                          | <input type="checkbox"/> YCBMA                | <input type="checkbox"/> York County Conservation District                               |
| <input checked="" type="checkbox"/> Highway Department | <input type="checkbox"/> PEBA                 | <input checked="" type="checkbox"/> Other (please list): <u>Twp SEO - Keith Hunnings</u> |
| <input type="checkbox"/> Hazmat                        |   | <u>Twp Engineer - Byron Trout</u>  |

8. Describe the incident:

JAKE BUSH (MT. WOLF FIRE DEPT) CONTACTED THE TOWNSHIP  
 WHEN THE SEWAGE WAS FOUND DURING A VEHICLE ACCIDENT  
 CALL. SHANE HAUGHT WENT TO INSPECT & TAKE PHOTOS  
 THEN THE PROPER AUTHORITIES WERE CALLED.

9. What actions were taken?

Notified Alt. SEO Keith Hunnings & Twp Engineer Byron Trout  
 Hwy crew took pictures  
 SEO notified property owner and site visit

10. The source of the material was:

- |  |   |
|--|---|
| <input type="checkbox"/> Could not be identified | <input type="checkbox"/> Construction site                  |
| <input type="checkbox"/> Industrial              | <input type="checkbox"/> Transportation/major auto accident |
| <input type="checkbox"/> Commercial              | <input type="checkbox"/> Minor auto accident                |
| <input checked="" type="checkbox"/> Residential  | <input type="checkbox"/> Other (describe): _____            |

11. Which of the following best describes this event?

- ☒ This illicit discharge was abated (mitigated or terminated by action of responders).
- ☐ This illicit discharge is on-going and was previously reported. The ID number and date of previous discharge(s) are: \_\_\_\_\_
- ☐ Abatement not required.
- ☒ Not abated.

12. Which enforcement activities were conducted?

- ☒ Verbal Notice ☐ Warning Notice
- ☐ Administrative Action ☐ Administrative Action w/Penalty and/or Fine/Cost Recovery
- ☐ Legal Notice ☐ None

13. Were photographs taken?

- ☒ Yes ☐ No

If yes, location of digital files: \_\_\_\_\_

14. Were water samples taken?

- ☐ Yes ☒ No

If yes, Sample ID \_\_\_\_\_, and attach a copy of the chain of custody (and results when received).

15. Please provide additional information if known:

Watershed Name: COODRUS CREEK Outfall Number: \_\_\_\_\_

Additional Comments/Notes: \_\_\_\_\_

16. Evaluator information:

Evaluator Name: SHANE WAUGH Title: PUBLIC WORKS DIRECTOR

Phone Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

Source In The Township? ☒ Yes ☐ No ☐ Can not be determined

Affected The Township? ☒ Yes ☐ No ☐ Not Applicable

Illicit Discharge? ☒ Yes ☐ No ☐ Can not be determined Database Record #: \_\_\_\_\_

Data entered into illicit discharge database on: \_\_\_\_\_ (date) by \_\_\_\_\_ (initials)



**Kristie Masemer**

---

**From:** keith Hunnings <keith@southpenn.net>  
**Sent:** Tuesday, June 1, 2021 12:31 PM  
**To:** Kristie Masemer  
**Cc:** 'Byron Trout'; Brittany Kohler; Shane Haugh  
**Subject:** RE: N Sherman St Sewage

Kristie, Owner had a contractor come out and pump the tanks. It's a two tank system. The pipe between the two tanks was clogged. They removed the clog and the system is draining properly now. I will go by there again in a few weeks to make sure its still working. Thanks Keith

---

**From:** Kristie Masemer <Manager@emanchestertwp.com>  
**Sent:** Tuesday, June 1, 2021 12:18 PM  
**To:** keith Hunnings <keith@southpenn.net>  
**Cc:** 'Byron Trout' <btrout@giba-engineering.com>; Brittany Kohler <ZoningOfficer@emanchestertwp.com>; Shane Haugh <Pworks1@emanchestertwp.com>  
**Subject:** N Sherman St Sewage

Hey Keith,

I forgot about this one, but what was the out come of the N Sherman St property that had sewage coming above ground owned by Jeff Snyder?

Thank you.

*Kristie Masemer*  
Manager/Secretary/Treasurer  
East Manchester Township  
Office: 717-266-4279  
[Manager@emanchestertwp.com](mailto:Manager@emanchestertwp.com)

## Illicit Discharge Determination Form

1. Basic information:

Incident start: 8:00 pm (time) 2-1-21 (date) Incident end: 10:00 pm (time) 2-1-21 (date)

Incident Location/Address: 5080 N. Sherman st

Weather during incident: snowing

Time when the following observations were made: 8:00 AM Date: 2-2-2021

2. Who reported the event to East Manchester Township? (please "✓" all that apply):

<input type="checkbox"/> Field survey screening by maintenance crews	<input type="checkbox"/> Other Township employee
<input type="checkbox"/> Field survey screening by illicit discharge inspector	<input type="checkbox"/> 911/County Control
<input checked="" type="checkbox"/> Call from maintenance crew (not field survey screening)	<input type="checkbox"/> YCCD (York Co Conservation District)
<input type="checkbox"/> Public call, email, public report to police desk	<input type="checkbox"/> Susquehanna Riverkeeper
	<input type="checkbox"/> Other: _____

3. Material discharged: (please "✓" all that apply).

<input type="checkbox"/> Paint	<input type="checkbox"/> Concrete cutting slurry/washwater
<input type="checkbox"/> Concrete	<input type="checkbox"/> Vehicle cleaning washwater
<input type="checkbox"/> Construction debris	<input type="checkbox"/> Building/sidewalk washwater
<input type="checkbox"/> Medical wastes	<input type="checkbox"/> Other washwater
<input type="checkbox"/> Food wastes	<input type="checkbox"/> Sewage
<input type="checkbox"/> Industrial wastes (solvents, metals, corrosives, cooling tower blowdown, etc)	<input checked="" type="checkbox"/> Automotive fluids (antifreeze, used motor oil, fuels, etc)
	<input type="checkbox"/> Unknown material
	<input type="checkbox"/> Other: _____

4. Amount of material discharged (i.e., 55 gallons, 18 pounds, 2 super sacks):

6 quarts (quantity) \_\_\_\_\_ (units)

5. Describe the material in terms of odor, color, turbidity, viscosity, pH, etc.

used motor oil - black -

\_\_\_\_\_

\_\_\_\_\_

6. The material was discharged to:

<input type="checkbox"/> Sanitary sewer	<input type="checkbox"/> Curb, street
<input type="checkbox"/> Storm sewer, swale	<input type="checkbox"/> Soil
<input type="checkbox"/> Body of water (creek, pond)	<input checked="" type="checkbox"/> Other (describe): <u>township parking lot</u>

Additional Notes (i.e., fish kill, covered fowl, abnormal aquatic behavior, etc.): \_\_\_\_\_

\_\_\_\_\_

7. Who responded to the event? (please "✓" all that apply):

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fire Department               | <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Other Municipal Fire/Police       |
| <input type="checkbox"/> Police Department             | <input type="checkbox"/> DEP                  | <input type="checkbox"/> Permits, Planning & Zoning        |
| <input type="checkbox"/> MIPP                          | <input type="checkbox"/> YCEMA                | <input type="checkbox"/> York County Conservation District |
| <input checked="" type="checkbox"/> Highway Department | <input type="checkbox"/> PBMA                 | <input type="checkbox"/> Other (please list): _____        |
|  | <input type="checkbox"/> Hazmat               |  |

8. Describe the incident:

Truck was sitting while on break from snow storm and was discharging oil from the dip stick tube that came loose.

9. What actions were taken?

oil spot was cleaned with oil dry and catch pan was placed under vehicle. oil dry was cleaned up and placed in garbage bag to be taken to incinerator.

10. The source of the material was:

- |  |   |
|--|---|
| <input type="checkbox"/> Could not be identified | <input type="checkbox"/> Construction site                                      |
| <input type="checkbox"/> Industrial              | <input checked="" type="checkbox"/> Transportation/major auto accident          |
| <input type="checkbox"/> Commercial              | <input type="checkbox"/> Minor auto accident                                    |
| <input type="checkbox"/> Residential             | <input checked="" type="checkbox"/> Other (describe): <u>Township equipment</u> |

11. Which of the following best describes this event?

- ☒ This illicit discharge was abated (mitigated or terminated by action of responders).  
☐ This illicit discharge is on-going and was previously reported. The ID number and date of previous discharge(s) are: \_\_\_\_\_  
☐ Abatement not required.  
☐ Not abated.

12. Which enforcement activities were conducted?

- ☐ Verbal Notice  
☐ Administrative Action  
☐ Legal Notice  
☐ Warning Notice  
☐ Administrative Action w/Penalty and/or Fine/Cost Recovery  
☒ None

13. Were photographs taken?

- ☐ Yes ☒ No

If yes, location of digital files: \_\_\_\_\_

14. Were water samples taken?

- ☐ Yes ☒ No

If yes, Sample ID \_\_\_\_\_, and attach a copy of the chain of custody (and results when received).

15. Please provide additional information if known:

Watershed Name: N/A Outfall Number: N/A

Additional Comments/Notes: N/A

16. Evaluator information:

Evaluator Name: Nate Heindel Title: Road Foreman

Phone Number: 217-324-8626 E-mail: \_\_\_\_\_

Source In The Township? ☒ Yes ☐ No ☐ Can not be determined

Affected The Township? ☐ Yes ☒ No ☐ Not Applicable

Illicit Discharge? ☐ Yes ☒ No ☐ Can not be determined Database Record #: \_\_\_\_\_

Data entered into illicit discharge database on: \_\_\_\_\_ (date) by \_\_\_\_\_ (initials)

# Illicit Discharge Determination Form



## 1. Basic information:

Incident start: Evening (time) 8-16-21 (date) Incident end: 1:00 PM (time) 8-17-21 (date)  
 Incident Location/Address: 4159 N. George St. Extd.  
 Weather during incident: RAIN  
 Time when the following observations were made: 8:30 AM Date: 8/17/21

## 2. Who reported the event to East Manchester Township? (please "✓" all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Field survey screening by maintenance crews             | <input type="checkbox"/> Other Township employee              |
| <input type="checkbox"/> Field survey screening by illicit discharge inspector   | <input type="checkbox"/> 911/County Control                   |
| <input type="checkbox"/> Call from maintenance crew (not field survey screening) | <input type="checkbox"/> YCCD (York Co Conservation District) |
| <input type="checkbox"/> Public call, email, public report to police desk        | <input type="checkbox"/> Susquehanna Riverkeeper              |
|  | <input checked="" type="checkbox"/> Other: <u>Fire Chief</u>  |

## 3. Material discharged: (please "✓" all that apply).

- |  |   |
|--|---|
| <input type="checkbox"/> Paint   | <input type="checkbox"/> Concrete cutting slurry/washwater                          |
| <input type="checkbox"/> Concrete  | <input type="checkbox"/> Vehicle cleaning washwater                                 |
| <input type="checkbox"/> Construction debris   | <input type="checkbox"/> Building/sidewalk washwater                                |
| <input type="checkbox"/> Medical wastes  | <input type="checkbox"/> Other washwater  |
| <input type="checkbox"/> Food wastes   | <input checked="" type="checkbox"/> Sewage  |
| <input type="checkbox"/> Industrial wastes (solvents, metals, corrosives, cooling tower blowdown, etc) | <input type="checkbox"/> Automotive fluids (antifreeze, used motor oil, fuels, etc) |
|  | <input type="checkbox"/> Unknown material   |
|  | <input type="checkbox"/> Other:   |

## 4. Amount of material discharged (i.e., 55 gallons, 18 pounds, 2 super sacks):

Unknown (quantity) (units)

## 5. Describe the material in terms of odor, color, turbidity, viscosity, pH, etc.

Diluted Sewage Flow, slight odor.

## 6. The material was discharged to:

- |  |  |
|--|--|
| <input type="checkbox"/> Sanitary sewer                | <input type="checkbox"/> Curb, street      |
| <input checked="" type="checkbox"/> Storm sewer, swale | <input type="checkbox"/> Soil              |
| <input type="checkbox"/> Body of water (creek, pond)   | <input type="checkbox"/> Other (describe): |

Additional Notes (i.e., fish kill, covered fowl, abnormal aquatic behavior, etc.): Flow To An existing inlet then to stormwater Pond. (Private storm Sewer)





11. Which of the following best describes this event?

- ☒ This illicit discharge was abated (mitigated or terminated by action of responders).  
☐ This illicit discharge is on-going and was previously reported. The ID number and date of previous discharge(s) are: \_\_\_\_\_  
☐ Abatement not required.  
☐ Not abated.

12. Which enforcement activities were conducted?

- ☒ Verbal Notice ☐ Warning Notice  
☐ Administrative Action ☐ Administrative Action w/Penalty and/or Fine/Cost Recovery  
☒ Legal Notice ☐ None

13. Were photographs taken?

- ☒ Yes ☐ No

If yes, location of digital files: Township office

14. Were water samples taken?

- ☐ Yes ☒ No

If yes, Sample ID \_\_\_\_\_, and attach a copy of the chain of custody (and results when received).

15. Please provide additional information if known:

Watershed Name: Codons Creek Outfall Number: \_\_\_\_\_

Additional Comments/Notes: \_\_\_\_\_

Nearest Township Facility NO89

16. Evaluator information:

Evaluator Name: Byron Trout P.E. Title: Engineer

Phone Number: 717-741-4621 E-mail: BTrout@GLBA-engineering

Source In The Township? ☒ Yes ☐ No ☐ Can not be determined

Affected The Township? ☐ Yes ☒ No ☐ Not Applicable

Illicit Discharge? ☒ Yes ☐ No ☐ Can not be determined Database Record #: \_\_\_\_\_

Data entered into illicit discharge database on: 8/17/21 (date) by BWT (initials)

morning. It was sent around  
2315 hrs.

The pump problem is taken  
care of. The pump is now  
functioning properly.  
We will spread lime in and  
around all those areas around  
the pump/tank, and in the  
parking lot, and in the storm  
drain system, that leads to  
our Stormwater management  
system in the back. We will put  
some in there as well. We know  
how to wash this up, DEP has

## Illicit Discharge Determination Form

### 1. Basic information:

Incident start: \_\_\_\_\_ (time) 9/1/21 (date) Incident end: 9/2/21 (time) 9:00 AM (date)

Incident Location/Address: 4159 N. George St. EXT D

Weather during incident: RAIN

Time when the following observations were made: 9:45 AM Date: 9/2/21

### 2. Who reported the event to East Manchester Township? (please "✓" all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Field survey screening by maintenance crews             | <input checked="" type="checkbox"/> Other Township employee   |
| <input type="checkbox"/> Field survey screening by illicit discharge inspector   | <input type="checkbox"/> 911/County Control                   |
| <input type="checkbox"/> Call from maintenance crew (not field survey screening) | <input type="checkbox"/> YCCD (York Co Conservation District) |
| <input type="checkbox"/> Public call, email, public report to police desk        | <input type="checkbox"/> Susquehanna Riverkeeper              |
|  | <input checked="" type="checkbox"/> Other: <u>Engineers</u>   |

### 3. Material discharged: (please "✓" all that apply).

- |  |   |
|--|---|
| <input type="checkbox"/> Paint   | <input type="checkbox"/> Concrete cutting slurry/washwater                          |
| <input type="checkbox"/> Concrete  | <input type="checkbox"/> Vehicle cleaning washwater                                 |
| <input type="checkbox"/> Construction debris   | <input type="checkbox"/> Building/sidewalk washwater                                |
| <input type="checkbox"/> Medical wastes  | <input type="checkbox"/> Other washwater  |
| <input type="checkbox"/> Food wastes   | <input checked="" type="checkbox"/> Sewage  |
| <input type="checkbox"/> Industrial wastes (solvents, metals, corrosives, cooling tower blowdown, etc) | <input type="checkbox"/> Automotive fluids (antifreeze, used motor oil, fuels, etc) |
|  | <input type="checkbox"/> Unknown material   |
|  | <input type="checkbox"/> Other: _____   |

### 4. Amount of material discharged (i.e., 55 gallons, 18 pounds, 2 super sacks):

UNKNOWN (quantity) \_\_\_\_\_ (units)

### 5. Describe the material in terms of odor, color, turbidity, viscosity, pH, etc.

Diluted Sewage Flow, no odor

### 6. The material was discharged to:

- |  |  |
|--|--|
| <input type="checkbox"/> Sanitary sewer                | <input type="checkbox"/> Curb, street            |
| <input checked="" type="checkbox"/> Storm sewer, swale | <input type="checkbox"/> Soil                    |
| <input type="checkbox"/> Body of water (creek, pond)   | <input type="checkbox"/> Other (describe): _____ |

Additional Notes (i.e., fish kill, covered fowl, abnormal aquatic behavior, etc.): Flow to an existing inlet. (Private Storm Sewer)

7. Who responded to the event? (please "✓" all that apply):

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fire Department    | <input type="checkbox"/> Parks and Recreation | <input type="checkbox"/> Other Municipal Fire/Police                     |
| <input type="checkbox"/> Police Department  | <input type="checkbox"/> DEP                  | <input type="checkbox"/> Permits, Planning & Zoning                      |
| <input type="checkbox"/> MIPP               | <input type="checkbox"/> YCEMA                | <input type="checkbox"/> York County Conservation District               |
| <input type="checkbox"/> Highway Department | <input type="checkbox"/> PEMMA                | <input checked="" type="checkbox"/> Other (please list): <u>Engineer</u> |
|   | <input type="checkbox"/> Hazmat               |  |

8. Describe the incident:

Follow up to the 8-16-21 incident to the existing  
grinder Pump in "Chester Square". At the time of the  
inspection it appears the pumps failed because of  
poor maintenance. Overflow of existing tank.

9. What actions were taken?

on 9/2/21 the owner and contractor were on-site making  
the repairs. The Tank was pumped down and  
cleaned. The existing pumps (2) were removed and  
cleaned also. It appears from talking with the contractor  
that the electrical system and piping system were  
functioning. Pumps were removed and cleaned.

A violation letter was sent on 9-7-21 requesting  
documentation of the repairs, etc.

10. The source of the material was:

- |  |   |
|--|---|
| <input type="checkbox"/> Could not be identified | <input type="checkbox"/> Construction site                  |
| <input type="checkbox"/> Industrial              | <input type="checkbox"/> Transportation/major auto accident |
| <input checked="" type="checkbox"/> Commercial   | <input type="checkbox"/> Minor auto accident                |
| <input type="checkbox"/> Residential             | <input type="checkbox"/> Other (describe): _____            |

11. Which of the following best describes this event?

- ☒ This illicit discharge was abated (mitigated or terminated by action of responders).
- ☐ This illicit discharge is on-going and was previously reported. The ID number and date of previous discharge(s) are: \_\_\_\_\_
- ☐ Abatement not required.
- ☐ Not abated.

12. Which enforcement activities were conducted?

- ☐ Verbal Notice ☒ Warning Notice
- ☐ Administrative Action ☐ Administrative Action w/Penalty and/or Fine/Cost Recovery
- ☐ Legal Notice ☐ None

13. Were photographs taken?

- ☐ Yes ☒ No

If yes, location of digital files: \_\_\_\_\_

14. Were water samples taken?

- ☐ Yes ☒ No

If yes, Sample ID \_\_\_\_\_, and attach a copy of the chain of custody (and results when received).

15. Please provide additional information if known:

Watershed Name: Codorus Creek Outfall Number: H089

Additional Comments/Notes:

Nearest Facility

16. Evaluator information:

Evaluator Name: Byron Trout, P.E. Title: Engineer

Phone Number: 717-741-4121 E-mail: btrout@ALBA-engineering.com

Source In The Township?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Can not be determined
Affected The Township?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not Applicable
Illicit Discharge?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Can not be determined
Database Record #:			_____
Data entered into illicit discharge database on: <u>9/2/21</u> (date) by <u>BWT</u> (initials)			

**Gordon L. Brown & Associates, Inc.**  
*Consulting Civil Engineers & Land Surveyors*

---

2238 South Queen Street  
York PA 17402-4631  
(717) 741-4621 Phone  
(717) 741-1418 Facsimile  
www.GLB&A-Engineering.com

*Breaking New Ground Since 1952 !*

September 3, 2021  
MAIL

VIA REGULAR

MARK BARE  
216 SINKING SPRINGS LANE  
YORK, PA 17406

THEMISTOKLES SACARBLOS  
PO BOX 20316  
YORK, PA 17402

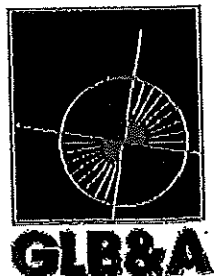
NOTICE OF VIOLATION –	EMT CODE § 197-5
PROPERTY OWNER:	(PROHIBITION OF ILLICIT DISCHARGES)
PROPERTY:	CHESTER SQUARE PROPERTIES, LP
	4159 NORTH GEORGE STREET EXTENDED

Dear Property Owner:

As the Township Engineer of East Manchester Township ("Township"), I am writing to you as the owner of record and/or the occupant of the property located at *4159 North George Street Extended* (the "Property"). The property is currently in violation of the following Townships code(s):

**Section 197-5 Prohibition of Illicit Discharges.** – No person shall discharge or cause to be discharged into the Township's storm drain system or watercourses any materials, including but not limited to pollutants or waters containing any pollutants that cause or contribute to a violation of applicable water quality standards, other than stormwater. Any discharge in violation of this § 197-5 shall be considered illicit discharges.

**Resolution-** Whenever the Township finds that a person has violated a prohibition or failed to meet a requirement of this article, the Township may order compliance by written notice of violation to the responsible person. Therefore, the owner shall repair or eliminate the cause of the illicit discharge, abate or remediate the pollution or contamination of any affected property, and provide documentation to the Township that the repairs and abatement have been completed.

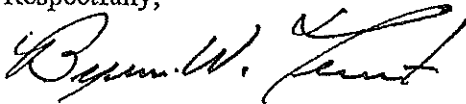


The Township shall require the repairs be completed in five (5) days to permit you, as the owner and/or occupant, to abate the violation and bring the Property into compliance with the Ordinance. If you fail to bring the Property into compliance with the Ordinance within five (5) days, the Township, or any agent on its behalf, may enter the Property to take necessary steps to bring it into compliance with the Ordinance. Such cost will be collected from you by the filing of a lien against the Property. Failure to bring the Property into compliance with the Ordinance may also result in criminal prosecution resulting in fines up to \$1,000.00 or imprisonment up to 90 days.

*Deadline for compliance is set at September 13, 2021 (WHICH IS MORE THAN THE REQUIRED 5 DAYS.)*

If you do not repair the illicit discharge, the Township shall be advised to take action to address the violation of the Ordinance and to seek fines at the maximum amount.

Respectfully,

A handwritten signature in black ink, appearing to read "Byron W. Trout". The signature is fluid and cursive, with a large initial "B" and "T".

Byron W. Trout, P.E.  
Township Engineer

Btrout@glba-engineering.com

Cc: Kristie Masemer, Township Manager  
Christian R. Miller, Esquire





**Union Fire Company No.**

**1**

Station: 23

Location: Chester Square 4215 N GEORGE ST EXT East Manchester (Township of) PA 17345	Incident Type: <b>400 - Hazardous condition, other</b>
Lat/Long: N 40° 2' 45.88" W 76° 43' 25.97"	FDID: 67023 Incident #: 2021-207 Exposure ID: 60298530 Exposure #: 0 Incident Date: 08/16/2021 Dispatch Run #: 2021-0000264
Location Type: 3 - In front of	

Report Completed by:	Stevens, Joseph A	ID: 23-36	Date: 09/01/2021
Report Reviewed by:	Stevens, Joseph A	ID: 23-36	Date: 09/09/2021
Report Printed by:	Stevens, Joseph A	ID: 23-36	Date: 9/9/2021 Time: 14:07

Structure Type:	Property Use: 000 - Property Use, other			
Automatic Extinguishment System Present:	<input type="checkbox"/>	Detectors Present:	<input type="checkbox"/>	Cause of Ignition:
Aid Given or Received:	None		Primary action taken: 86 - Investigate	
Additional actions: 43 - Hazardous materials spill control and confinement, 82 - Notify other agencies.				
Losses	Pre-Incident Values			
Property:	Property:	Civilian Injuries: 0	Fire Service Injuries:	0
Contents:	Contents:	Civilian Fatalities: 0	Fire Service Fatalities:	0
Total:	Total:	Total Casualties: 0	Total Fire Service Casualties:	0
Total # of apparatus on call:		4	Total # of personnel on call: 9	

Special Studies	
COVID 19 was a factor in this incident.	No, COVID 19 was not a factor.

## NARRATIVE (2)

**Narrative Title:** Captain Walters

**Narrative Author:** Stevens, Joseph

**Narrative Date:** 09/01/2021 14:50:02

**Narrative Apparatus ID:** Car23

### Narrative:

Initially a Duty Officer dispatch for an unknown alarm signal from an electrical box in the parking lot median of this strip mall. Arrived to find alarm from a sewer pump station with raw sewage running across the parking lot into the storm sewer. Store owner states that the light has been on for several days and the sewage has been leaking for at least 2- days.

Added Rescue 23 for spill control and requested a response for Northeastern Sewer Authority and property owner. NEYCSA advised they will not respond because it is private property, but will send a representative as a resource. Notified HazMat 91 Duty Officer, they will not respond to sewage calls. Request placed for DEP, no response.

Booms, pads placed around storm drain in a futile attempt to prevent sewage from entering and draining into nearby waterway. Property owner called the Duty Officer via cell phone, stated he was unconcerned and the spill would be there tomorrow, he'll deal with it then.

With all options and resources exhausted, containment efforts were left in place and units were placed available. Chief to file complaint with East Manchester Twp in the morning.

APPARATUS			
Unit	R23	Unit	Car23
Type:	Rescue unit	Type:	Other apparatus/resource
Use:	Other	Use:	Other
Response Mode:	()	Response Mode:	No Lights or Sirens
# of People	5	# of People	1
Alarm	08 /16/2021 19:56:10	Alarm	08 /16/2021 19:56:10
Dispatched	08 /16/2021 20:28:12	Dispatched	08 /16/2021 19:59:12
Enroute	08 /16/2021 20:33:35	Enroute	08 /16/2021 20:03:35
Arrived	08 /16/2021 20:37:19	Arrived	08 /16/2021 20:14:19
Cancelled	-- / -- / -- -- : -- : --	Cancelled	-- / -- / -- -- : -- : --
Cleared Scene	08 /16/2021 21:35:46	Cleared Scene	08 /16/2021 21:35:46
In Quarters	08 /16/2021 21:35:46	In Quarters	08 /16/2021 21:35:46
In Service	08 /16/2021 21:35:46	In Service	08 /16/2021 21:35:46
Unit	POV	Unit	Sta
Type:	Ground fire suppression, other	Type:	None
Use:	Other	Use:	Other
Response Mode:	()	Response Mode:	()
# of People	1	# of People	2
Alarm	08 /16/2021 19:56:10	Alarm	08 /16/2021 19:56:10
Dispatched	08 /16/2021 19:59:12	Dispatched	08 /16/2021 19:59:12
Enroute	08 /16/2021 20:03:35	Enroute	08 /16/2021 20:03:35
Arrived	08 /16/2021 20:14:19	Arrived	08 /16/2021 20:14:19
Cancelled	-- / -- / -- -- : -- : --	Cancelled	-- / -- / -- -- : -- : --
Cleared Scene	08 /16/2021 21:35:46	Cleared Scene	08 /16/2021 21:35:46
In Quarters	08 /16/2021 21:35:46	In Quarters	08 /16/2021 21:35:46
In Service	08 /16/2021 21:35:46	In Service	08 /16/2021 21:35:46
Number Of People not on apparatus: 0			

HAZMAT		
Released From	Story Of Release	Cause Of Release
Outside of structure		Unintentional release
Factors		
Mechanical failure, malfunction, other		
Mitigating Factors		
Released into water table , Site factors, other , Release factors, other		
Equipment Involved	Brand	Equipment Model
Pump		
Population Density	Area Affected	Area Evacuated
Suburban - Predominantly single-family residential	100 Square feet	True
Estimated Number Of People Evacuated	Estimated Number Of Buildings Evacuated	Estimated Number Of Buildings Evacuated None
0	0	True
Haz Mat Actions Taken		
Identify, analyze hazardous materials	HazMat spill control and confinement	Notify other agencies
Disposition	Haz Mat Deaths	HazMat Injuries
Released to property owner or manager		

HAZMAT			
Is First Mat	False	UN Number	
Name Of Chemical Or Material		Chemical Name	Raw Sewage
Container Type	Sump or pit	Estimated Container Capacity	
Capacity Units		Estimated Amount Released	55
Released Units	Gallons	Physical State When Released	Liquid
Released Into	Water and ground		

PEOPLE -- PERSON 1			
Is Owner	True	Business Name	Chester Square Properties
Telephone Number	717-577-7777	Involvement	
Name	Themi Sacarellos	Date of Birth	
Address	4215 N GEORGE ST EXT East Manchester (Township of), PA 17345-		

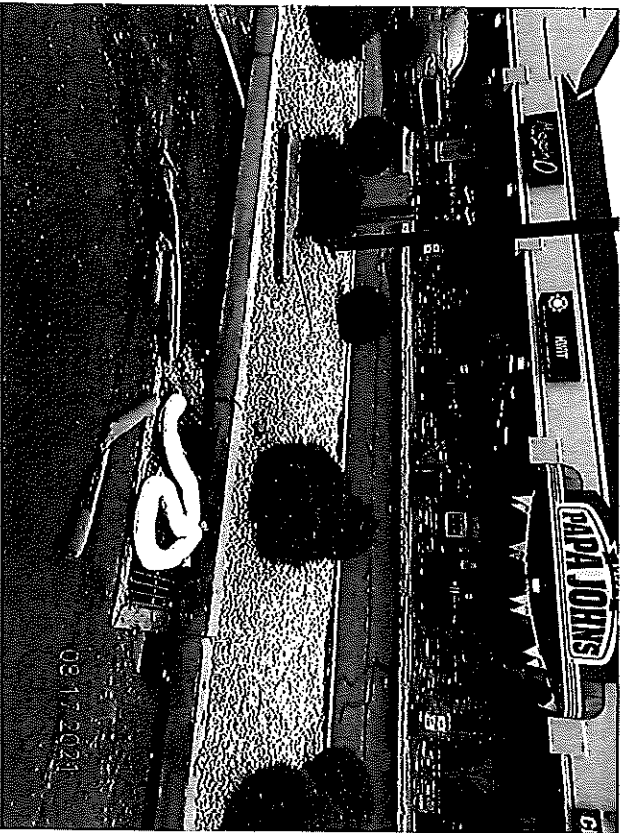
PEOPLE -- PERSON 2			
Is Owner	False	Business Name	Northeastern Sewer Auth
Telephone Number	(717) 266-7406	Involvement	On-scene resource
Name	Pat Poet	Date of Birth	
Address			

PEOPLE -- PERSON 3			
Is Owner	False	Business Name	Dept of Environ Protectio
Telephone Number	(717) 783-2300	Involvement	Requested, no response
Name	DEP	Date of Birth	
Address			

PERSONNEL ON CALL			
Name	Personnel Rank	Role(s)	Apparatus
Bowman, Dave	Firefighter		Sta
Bowman, Ryan	FF/EMT		Sta
Duncan, Kay	FF		R23
Ford, Justin	Firefighter		R23
Shroyer, Mark	Assistant Chief		R23
Shroyer, Samantha	FF		R23
Stevens , Andrew W	FF/EMR		R23
Stevens , Joseph A	Chief		POV
Walters, Curtis	Captain		Car23

Member Making Report (Chief Joseph A Stevens): \_\_\_\_\_

Incident Reviewer (Chief Joseph A Stevens): \_\_\_\_\_



08 17 2021

08 17 2021



Permit No. PAC670165

Report No. 15

# EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 3/3/20 Inspection Time 11:45 – 12:15 pm  
Weather Conditions Cloudy, light rain Total Project Area 108 acres  
Location 84 Zions View Road Total Disturbed Area 88 acres  
Municipality East Manchester Twp. County York  
Receiving Water(s) UNT to Little Conewago Creek Designated/Existing Use TSF

**Responsible Party(s)** Hyperion Properties, Inc. c/o DHL Supply Chain  
(name & address) 570 Polaris Parkway  
Westerville, OH 43082  
**Phone** (614) 270-3473

ARCO Design/Build Industrial, Inc.  
Liberty Excavators, Inc.  
( )

Site Representative (name) No one on site  
(title) \_\_\_\_\_

**Inspector (name)** Robert Fetter  
**(title)** Resource Conservationist – Network Admin

### Type of Inspection

Photographs Taken Yes ☒ No ☐

Routine complete ☐      Routine partial ☒      Follow-up ☒      Complaint ☐      Final ☐

**Site Description & Observations:**

- 1) Follow-up to 11-7-19 inspection to check site conditions.
- 2) Construction Sequence currently consistent with stages 20 & 21.
- 3) Trailer parking area seeded and appears some wood fiber mulch placed. Inlets in this area drain to sediment basin 1.
- 4) The Sediment basin 1 still in.
- 5) Compost Filter Sock Trap 4 is still in.
- 6) Extended Detention basin 2 not maintained as per plan. Sediment in bottom and not permanently stabilized. (o, u, w)
- 7) Matting not installed in Swale 5 into Extended Detention basin 2 as per plan. Observed swale is eroding. (n, u, w)
- 8) Erosion control matting not installed in concentrated flow from SW-2 to new Texer driveway culvert and concentrated flow area to west of SW-2 as per plan and 11/7/19 report. (t, u, w)
- 9) Rock berm installed at outlet structure SW-2.
- 10) Rock berm installed at outlet structure SW-3.
- 11) Downslope are below Outlet structure SW-3 is eroding, not maintained, and erosion control matting not installed as per plan. (e, d, u, w)

☒ Continued on page 3 of 3

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)	<input type="checkbox"/> Pvt. Road/Residence (PRRS)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Res. Subdivision (RSBD)	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Govmt. Facilities (GOV)	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Utilities Facilities (UTL)	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Pipeline (PL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)
<input type="checkbox"/> E & S Permit required <input type="checkbox"/> ESCGP Permit required <input checked="" type="checkbox"/> NPDES Permit required <input type="checkbox"/> Phased Constr. <input checked="" type="checkbox"/> Non-Phased Constr.			
Permit #: PAC670165		Exp. Date: 10/1/23	

Permit No. PAC670165Report No. 15

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 3/3/20 Inspection Time 11:45 – 12:15 pm

Inspection Findings	Reference
No violations observed at this time.	<input type="checkbox"/> (N/A)
a. Failure to develop a written Erosion and Sediment (E&S) Plan.	<input type="checkbox"/> (102.4)
b. Failure to have an E&S Plan available onsite.	<input type="checkbox"/> (102.4)
c. Failure to submit an E&S Plan as requested.	<input type="checkbox"/> (102.4)
d. Failure to implement effective E&S Best Management Practices (BMPs).	<input checked="" type="checkbox"/> (102.4)
e. Failure to maintain effective E&S BMPs.	<input checked="" type="checkbox"/> (102.4)
f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters.	<input type="checkbox"/> (102.4)
g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities.	<input type="checkbox"/> (102.5)
h. Failure to obtain an E&S Permit.	<input type="checkbox"/> (102.5)
i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan.	<input type="checkbox"/> (102.5)
j. Failure to submit a Notice of Termination (NOT).	<input type="checkbox"/> (102.7)
k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan.	<input type="checkbox"/> (102.8)
l. Failure to have PCSM Plan/Restoration Plan available onsite.	<input type="checkbox"/> (102.8)
m. Failure to submit PCSM Plan/Restoration Plan as requested.	<input type="checkbox"/> (102.8)
n. Failure to implement effective PCSM BMPs.	<input checked="" type="checkbox"/> (102.8)
o. Failure to maintain effective PCSM BMPs.	<input checked="" type="checkbox"/> (102.8)
p. Failure to perform reporting and recordkeeping as required.	<input type="checkbox"/> (102.8)
q. Failure to implement riparian buffer or riparian forest buffer.	<input type="checkbox"/> (102.14)
r. Failure to meet regulatory requirements for riparian forest buffer.	<input type="checkbox"/> (102.14)
s. Failure to provide temporary stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
t. Failure to provide permanent stabilization of the earth disturbance site.	<input checked="" type="checkbox"/> (102.22)
u. Failure to comply with permit conditions.	<input checked="" type="checkbox"/> (402 CSL)
v. Sediment or other pollutant was discharged into waters of the Commonwealth.	<input type="checkbox"/> (401 CSL)
w. Site conditions present a potential for pollution to waters of the Commonwealth.	<input checked="" type="checkbox"/> (402 CSL)
x. Failure to comply with a Department Order.	<input type="checkbox"/> (402, 611 CSL)
y. Failure to comply with PCSM long-term operation and maintenance requirements.	<input type="checkbox"/> (102.8)
z. Failure to conduct a preconstruction meeting.	<input type="checkbox"/> (102.5)
aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit.	<input type="checkbox"/> (102.6)
bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit.	<input type="checkbox"/> (102.43)
<input checked="" type="checkbox"/> Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.	



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Permit No. PAC670165Report No. 15

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 3/3/20 Inspection Time 11:45 – 12:15 pm

### Continuation Sheet

#### Site Description & Observations:

- 12) Observed ruts along Zions View road at structure SW-3 – appears vehicle went off road in this area. Ruts should be fixed and area re-stabilized.
- 13) Compost filter sock along NW side of site below basin 2 still in.
- 14) Bypass swale #2 not maintained and erosion control matting not installed as per plan. Matting not trenched in upper end of swale and erosion has occurred under matting. (e, d, u, w)
- 15) Area of headwall HW-101 not maintained as per plan. Observed erosion has occurred in slope above structure and deposited sediment in rock apron. (e, u, w)
- 16) Fill area on SE side of entrance not stabilized as per plan. Observed erosion is started to occur in several areas. (t, u, w)
- 17) House, Barn, and Job trailer removed and areas seeded and mulched.

☐ Continued on page \_\_\_\_\_ of \_\_\_\_\_

#### Compliance Assistance Measures:

- 1) Should follow the approved E&S and PCSM plans.
- 2) Should immediately correct all violations cited on page 1 this report based on weather conditions.
- 3) Sediment basin 1 should not be converted until spring.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

Report compiled in office \_\_\_\_\_

(Signature of Site Representative)

(Date)

*Robert Fetter*

(Inspector's Signature)

3/3/20

(Date)

The Site Representative's 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 92a, 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, contact:

Robert Fetter  
Resource Conservationist-Network Administrator  
York County Conservation District  
118 Pleasant Acres Road  
York, PA 17402  
(717) 840-7430  
rfetter@yorkccd.org



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Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm  
Weather Conditions Cloudy, light rain Total Project Area 108 acres  
Location 84 Zions View Road Total Disturbed Area 88 acres  
Municipality East Manchester Twp. County York  
Receiving Water(s) UNT to Little Conewago Creek Designated/Existing Use TSF

Responsible Party(s) Hyperion Properties, Inc. c/o DHL Supply Chain  
(name & address) 570 Polaris Parkway  
Westerville, OH 43082  
Phone (614) 270-3473

ARCO Design/Build Industrial, Inc.  
Liberty Excavators, Inc.

Site Representative (name) Liberty Excavating  
(title) \_\_\_\_\_

Inspector (name) Robert Fetter  
(title) Resource Conservationist – Network Admin

### Type of Inspection

Routine complete ☐Routine partial ☐Follow-up ☒Complaint ☒Final ☐Photographs Taken Yes ☒ No ☐

### Site Description & Observations:

- 1) Pre-scheduled follow-up to 9-24-19 inspection & in response to complaint 00205-19.
- 2) Construction Sequence currently consistent with Phase 1 stage 22 and Phase 2 stage 15.
- 3) Building is completed and in use. Topsoil is currently being spread to stabilize trailer parking area. Discussed that planning to construct berm along perimeter to make sure water is directed into storm water inlets.
- 4) Constructed filter #5 Slopes are becoming established – could not see bottom due to filled with water from recent rains. Extended detention basin #4 and fore-bay seeded, banks are becoming established, and grass is starting to come up in bottom. Discussed that District will follow-up in spring to check permanent establishment of vegetation.
- 5) The Sediment basin 1 still in and swale #4 & emergency spillway corrected. Discussed that basin should not be converted yet and will check for conversion in spring.
- 6) Compost Filter Sock Trap 4 is still in.
- 7) Extended Detention basin 2 construction completed and basin seeded and mulched. Grass is becoming established on slopes. Observed sediment has deposited on bottom of basin and not maintained as per plan. (o, u, w)
- 8) Matting not installed in Swale 5 into Extended Detention basin 2 as per plan. Observed swale is eroding. (n, u, w)

☒ Continued on page 3 of 4

Permit and Plan Requirements		Type of Activity (check as many as appropriate)	
Y	N		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)	<input type="checkbox"/> Pvt. Road/Residence (PRRS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Res. Subdivision (RSBD)	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Govmt. Facilities (GOV)	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Utilities Facilities (UTL)	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Pipeline (PL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)
<input type="checkbox"/> E & S Permit required <input type="checkbox"/> ESCGP Permit required <input checked="" type="checkbox"/> NPDES Permit required <input type="checkbox"/> Phased Constr. <input checked="" type="checkbox"/> Non-Phased Constr.			
Permit #: <u>PAC670165</u>		Exp. Date: <u>10/1/23</u>	





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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm

Inspection Findings	Reference
No violations observed at this time.	<input type="checkbox"/> (N/A)
a. Failure to develop a written Erosion and Sediment (E&S) Plan.	<input type="checkbox"/> (102.4)
b. Failure to have an E&S Plan available onsite.	<input type="checkbox"/> (102.4)
c. Failure to submit an E&S Plan as requested.	<input type="checkbox"/> (102.4)
d. Failure to implement effective E&S Best Management Practices (BMPs).	<input checked="" type="checkbox"/> (102.4)
e. Failure to maintain effective E&S BMPs.	<input type="checkbox"/> (102.4)
f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters.	<input type="checkbox"/> (102.4)
g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities.	<input type="checkbox"/> (102.5)
h. Failure to obtain an E&S Permit.	<input type="checkbox"/> (102.5)
i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan.	<input type="checkbox"/> (102.5)
j. Failure to submit a Notice of Termination (NOT).	<input type="checkbox"/> (102.7)
k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan.	<input type="checkbox"/> (102.8)
l. Failure to have PCSM Plan/Restoration Plan available onsite.	<input type="checkbox"/> (102.8)
m. Failure to submit PCSM Plan/Restoration Plan as requested.	<input type="checkbox"/> (102.8)
n. Failure to implement effective PCSM BMPs.	<input checked="" type="checkbox"/> (102.8)
o. Failure to maintain effective PCSM BMPs.	<input checked="" type="checkbox"/> (102.8)
p. Failure to perform reporting and recordkeeping as required.	<input type="checkbox"/> (102.8)
q. Failure to implement riparian buffer or riparian forest buffer.	<input type="checkbox"/> (102.14)
r. Failure to meet regulatory requirements for riparian forest buffer.	<input type="checkbox"/> (102.14)
s. Failure to provide temporary stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
t. Failure to provide permanent stabilization of the earth disturbance site.	<input checked="" type="checkbox"/> (102.22)
u. Failure to comply with permit conditions.	<input checked="" type="checkbox"/> (402 CSL)
v. Sediment or other pollutant was discharged into waters of the Commonwealth.	<input type="checkbox"/> (401 CSL)
w. Site conditions present a potential for pollution to waters of the Commonwealth.	<input checked="" type="checkbox"/> (402 CSL)
x. Failure to comply with a Department Order.	<input type="checkbox"/> (402, 611 CSL)
y. Failure to comply with PCSM long-term operation and maintenance requirements.	<input type="checkbox"/> (102.8)
z. Failure to conduct a preconstruction meeting.	<input type="checkbox"/> (102.5)
aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit.	<input type="checkbox"/> (102.6)
bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit.	<input type="checkbox"/> (102.43)
<input checked="" type="checkbox"/> Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 <i>et seq.</i>	

Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm

### Continuation Sheet

#### Site Description & Observations:

- 9) Excess material from Zions View Rd widening stockpiled on SE side of access Road has been removed and area dressed up for stabilization. Area not stabilized as per plan and E&S BMPs not installed downslope of all disturbed areas as per 9/24/19 report. Observed area is starting to erode and sediment has washed onto sidewalk. Discussed that should install E&S BMPs downslope of disturbed area along sidewalk and complete stabilization. Also could install erosion control matting or bonded fiber matrix in lieu of silt fence/compost filter sock. (d, t, u, w)
- 10) Phase 2 Zions View road work is complete. Matting on slopes not trenched in along top of slope as per plan. Several areas of slopes sluffed off. Discussed that slopes should be maintenance and re-seeded and matted per plan details. (d, u, w)

☒ Continued on page 4 of 4

#### Compliance Assistance Measures:

- 1) Should follow the approved E&S and PCSM plans.
- 2) Should immediately correct all violations cited on page 1 this report.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

Report compiled in office \_\_\_\_\_

(Signature of Site Representative)

(Date)

(Inspector's Signature)

11/7/19

(Date)

The Site Representative's 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 92a, 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, contact:

Robert Fetter  
Resource Conservationist-Network Administrator  
York County Conservation District  
118 Pleasant Acres Road  
York, PA 17402  
(717) 840-7430  
rfetter@yorkccd.org



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Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm

*Continuation Sheet (check appropriate box)*

☒ Site Description and Observations

☐ Compliance Assistance Measures

- 11) Blackhawk inlet filter matts still in along entrance and at low point around curve. Appears inlets protection at curve clogged. Discussed that inlet protection should be removed and should not be installed on major paved roads due to safety concerns.
- 12) Area between SW-3 and Filter sock FS #1 not stabilized as per plan. Discussed that working to stabilize but had to suspend temporarily due to weather. (t, u, w)
- 13) New driveway installed for existing dwelling has been seeded and mulched.
- 14) Erosion control matting not installed in concentrated flow from SW-2 to new Texter driveway culvert and concentrated flow area to west of SW-2 as per plan. Observed erosion has occurred in both places. Discussed about repairing these areas and installing matting and also about installed berm at concrete structure to minimize potential of runoff to bypassing structures. (t, u, w)



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Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm  
Weather Conditions Cloudy, light rain Total Project Area 108 acres  
Location 84 Zions View Road Total Disturbed Area 88 acres  
Municipality East Manchester Twp. County York  
Receiving Water(s) UNT to Little Conewago Creek Designated/Existing Use TSF

Responsible Party(s) Hyperion Properties, Inc. c/o DHL Supply Chain ARCO Design/Build Industrial, Inc.  
(name & address) 570 Polaris Parkway Liberty Excavators, Inc.  
Westerville, OH 43082  
Phone (614) 270-3473 ( )

Site Representative (name) Liberty Excavating Inspector (name) Robert Fetter  
(title) (title) Resource Conservationist – Network Admin

### Type of Inspection

Photographs Taken Yes ☒ No ☐

Routine complete ☐ Routine partial ☐ Follow-up ☒ Complaint ☒ Final ☐

### Site Description & Observations:

- 1) Pre-scheduled follow-up to 9-24-19 inspection & in response to complaint 00205-19.
- 2) Construction Sequence currently consistent with Phase 1 stage 22 and Phase 2 stage 15.
- 3) Building is completed and in use. Topsoil is currently being spread to stabilize trailer parking area. Discussed that planning to construct berm along perimeter to make sure water is directed into storm water inlets.
- 4) Constructed filter #5 Slopes are becoming established – could not see bottom due to filled with water from recent rains. Extended detention basin #4 and fore-bay seeded, banks are becoming established, and grass is starting to come up in bottom. Discussed that District will follow-up in spring to check permanent establishment of vegetation.
- 5) The Sediment basin 1 still in and swale #4 & emergency spillway corrected. Discussed that basin should not be converted yet and will check for conversion in spring.
- 6) Compost Filter Sock Trap 4 is still in.
- 7) Extended Detention basin 2 construction completed and basin seeded and mulched. Grass is becoming established on slopes. Observed sediment has deposited on bottom of basin and not maintained as per plan. (o, u, w)
- 8) Matting not installed in Swale 5 into Extended Detention basin 2 as per plan. Observed swale is eroding. (n, u, w)

☒ Continued on page 3 of 4

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 _____
<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 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pvt. Road/Residence (PRRS)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recreation Facilities (RECF)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Agricul. Activities (AGA)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipeline (PL)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Silviculture (SILV)
Permit #: <u>PAC670165</u> Exp. Date: <u>10/1/23</u>			

Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm

Inspection Findings	Reference
No violations observed at this time.	<input type="checkbox"/> (N/A)
a. Failure to develop a written Erosion and Sediment (E&S) Plan.	<input type="checkbox"/> (102.4)
b. Failure to have an E&S Plan available onsite.	<input type="checkbox"/> (102.4)
c. Failure to submit an E&S Plan as requested.	<input type="checkbox"/> (102.4)
d. Failure to implement effective E&S Best Management Practices (BMPs).	<input checked="" type="checkbox"/> (102.4)
e. Failure to maintain effective E&S BMPs.	<input type="checkbox"/> (102.4)
f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters.	<input type="checkbox"/> (102.4)
g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities.	<input type="checkbox"/> (102.5)
h. Failure to obtain an E&S Permit.	<input type="checkbox"/> (102.5)
i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan.	<input type="checkbox"/> (102.5)
j. Failure to submit a Notice of Termination (NOT).	<input type="checkbox"/> (102.7)
k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan.	<input type="checkbox"/> (102.8)
l. Failure to have PCSM Plan/Restoration Plan available onsite.	<input type="checkbox"/> (102.8)
m. Failure to submit PCSM Plan/Restoration Plan as requested.	<input type="checkbox"/> (102.8)
n. Failure to implement effective PCSM BMPs.	<input checked="" type="checkbox"/> (102.8)
o. Failure to maintain effective PCSM BMPs.	<input checked="" type="checkbox"/> (102.8)
p. Failure to perform reporting and recordkeeping as required.	<input type="checkbox"/> (102.8)
q. Failure to implement riparian buffer or riparian forest buffer.	<input type="checkbox"/> (102.14)
r. Failure to meet regulatory requirements for riparian forest buffer.	<input type="checkbox"/> (102.14)
s. Failure to provide temporary stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
t. Failure to provide permanent stabilization of the earth disturbance site.	<input checked="" type="checkbox"/> (102.22)
u. Failure to comply with permit conditions.	<input checked="" type="checkbox"/> (402 CSL)
v. Sediment or other pollutant was discharged into waters of the Commonwealth.	<input type="checkbox"/> (401 CSL)
w. Site conditions present a potential for pollution to waters of the Commonwealth.	<input checked="" type="checkbox"/> (402 CSL)
x. Failure to comply with a Department Order.	<input type="checkbox"/> (402, 611 CSL)
y. Failure to comply with PCSM long-term operation and maintenance requirements.	<input type="checkbox"/> (102.8)
z. Failure to conduct a preconstruction meeting.	<input type="checkbox"/> (102.5)
aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit.	<input type="checkbox"/> (102.6)
bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit.	<input type="checkbox"/> (102.43)
<input checked="" type="checkbox"/> Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.	



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Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm

### Continuation Sheet

#### Site Description & Observations:

- 9) Excess material from Zions View Rd widening stockpiled on SE side of access Road has been removed and area dressed up for stabilization. Area not stabilized as per plan and E&S BMPs not installed downslope of all disturbed areas as per 9/24/19 report. Observed area is starting to erode and sediment has washed onto sidewalk. Discussed that should install E&S BMPs downslope of disturbed area along sidewalk and complete stabilization. Also could install erosion control matting or bonded fiber matrix in lieu of silt fence/compost filter sock. (d, t, u, w)
- 10) Phase 2 Zions View road work is complete. Matting on slopes not trenched in along top of slope as per plan. Several areas of slopes sluffed off. Discussed that slopes should be maintenance and re-seeded and matted per plan details. (d, u, w)

☒ Continued on page 4 of 4

#### Compliance Assistance Measures:

- 1) Should follow the approved E&S and PCSM plans.
- 2) Should immediately correct all violations cited on page 1 this report.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

Report compiled in office

(Signature of Site Representative)

(Date)

(Inspector's Signature)

11/7/19

(Date)

The Site Representative's 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 92a, 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, contact:

Robert Fetter  
Resource Conservationist-Network Administrator  
York County Conservation District  
118 Pleasant Acres Road  
York, PA 17402  
(717) 840-7430  
rfetter@yorkccd.org



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Permit No. PAC670165Report No. 14

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 11/7/19 Inspection Time 12:30 – 2:00 pm

**Continuation Sheet** (check appropriate box)

☒ Site Description and Observations

☐ Compliance Assistance Measures

- 11) Blackhawk inlet filter matts still in along entrance and at low point around curve. Appears inlets protection at curve clogged. Discussed that inlet protection should be removed and should not be installed on major paved roads due to safety concerns.
- 12) Area between SW-3 and Filter sock FS #1 not stabilized as per plan. Discussed that working to stabilize but had to suspend temporarily due to weather. (t, u, w)
- 13) New driveway installed for existing dwelling has been seeded and mulched.
- 14) Erosion control matting not installed in concentrated flow from SW-2 to new Texter driveway culvert and concentrated flow area to west of SW-2 as per plan. Observed erosion has occurred in both places. Discussed about repairing these areas and installing matting and also about installed berm at concrete structure to minimize potential of runoff to bypassing structures. (t, u, w)



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Permit No. PAC670165Report No. 13

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 9/24/19 Inspection Time 9:00 – 10:45 pm  
Weather Conditions Sunny, warm Total Project Area 108 acres  
Location 84 Zions View Road Total Disturbed Area 88 acres  
Municipality East Manchester Twp. County York  
Receiving Water(s) UNT to Little Conewago Creek Designated/Existing Use TSF

Responsible Party(s) Hyperion Properties, Inc. c/o DHL Supply Chain ARCO Design/Build Industrial, Inc.  
(name & address) 570 Polaris Parkway Liberty Excavators, Inc.  
Westerville, OH 43082  
Phone (614) 270-3473 ( )

Site Representative (name) Jim Armor, Liberty Inspector (name) Robert Fetter  
(title) (title) Resource Conservationist – Network Admin

### Type of Inspection

Routine complete ☐ Routine partial ☐ Follow-up ☒ Photographs Taken Yes ☒ No ☐  
Complaint ☐ Final ☐

### Site Description & Observations:

- 1) Pre-scheduled follow-up to 7-23-19 inspection to check site conditions and correction of items from previous report.
- 2) Construction Sequence currently in Stages 20 & 21.
- 3) Still using trailer parking area as staging area.
- 4) Sediment basin 2 has been converted to constructed filter #5 and Extended detention basin #4. Discussed that finishing up stabilizing slopes today and then continuing to complete stabilization of bottoms.
- 5) The Sediment basin 1 still in but discharge swale #4 & emergency spillway not installed as per plan and 12/19/18, 1/16/19, & 2/5/19, 3/25/19, 4/25/19 & 7/23/19 inspections. Discussed and agreed to start fixing by end of week. (d, u, w)
- 6) Compost sock trap 2 still partially in. Discussed that cleaned out sediment and just need to remove filter sock and complete final stabilization.
- 7) Compost Filter Sock Trap 4 is still in.
- 8) Extended Detention basin 2 construction completed. Discussed that working on completing stabilization of bottom.

☒ Continued on page 3 of 4

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 _____
<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 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pvt. Road/Residence (PRRS)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recreation Facilities (RECF)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Agricul. Activities (AGA)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipeline (PL)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Silviculture (SILV)
Permit #: <u>PAC670165</u> Exp. Date: <u>10/1/23</u>			



Permit No. PAC670165Report No. 13

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 9/24/19 Inspection Time 9:00 – 10:45 pm

Inspection Findings	Reference
No violations observed at this time.	<input type="checkbox"/> (N/A)
a. Failure to develop a written Erosion and Sediment (E&S) Plan.	<input type="checkbox"/> (102.4)
b. Failure to have an E&S Plan available onsite.	<input type="checkbox"/> (102.4)
c. Failure to submit an E&S Plan as requested.	<input type="checkbox"/> (102.4)
d. Failure to implement effective E&S Best Management Practices (BMPs).	<input checked="" type="checkbox"/> (102.4)
e. Failure to maintain effective E&S BMPs.	<input checked="" type="checkbox"/> (102.4)
f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters.	<input type="checkbox"/> (102.4)
g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities.	<input type="checkbox"/> (102.5)
h. Failure to obtain an E&S Permit.	<input type="checkbox"/> (102.5)
i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan.	<input type="checkbox"/> (102.5)
j. Failure to submit a Notice of Termination (NOT).	<input type="checkbox"/> (102.7)
k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan.	<input type="checkbox"/> (102.8)
l. Failure to have PCSM Plan/Restoration Plan available onsite.	<input type="checkbox"/> (102.8)
m. Failure to submit PCSM Plan/Restoration Plan as requested.	<input type="checkbox"/> (102.8)
n. Failure to implement effective PCSM BMPs.	<input type="checkbox"/> (102.8)
o. Failure to maintain effective PCSM BMPs.	<input type="checkbox"/> (102.8)
p. Failure to perform reporting and recordkeeping as required.	<input type="checkbox"/> (102.8)
q. Failure to implement riparian buffer or riparian forest buffer.	<input type="checkbox"/> (102.14)
r. Failure to meet regulatory requirements for riparian forest buffer.	<input type="checkbox"/> (102.14)
s. Failure to provide temporary stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
t. Failure to provide permanent stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
u. Failure to comply with permit conditions.	<input checked="" type="checkbox"/> (402 CSL)
v. Sediment or other pollutant was discharged into waters of the Commonwealth.	<input type="checkbox"/> (401 CSL)
w. Site conditions present a potential for pollution to waters of the Commonwealth.	<input checked="" type="checkbox"/> (402 CSL)
x. Failure to comply with a Department Order.	<input type="checkbox"/> (402, 611 CSL)
y. Failure to comply with PCSM long-term operation and maintenance requirements.	<input type="checkbox"/> (102.8)
z. Failure to conduct a preconstruction meeting.	<input type="checkbox"/> (102.5)
aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit.	<input type="checkbox"/> (102.6)
bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit.	<input type="checkbox"/> (102.43)
<input checked="" type="checkbox"/> Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.	



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Permit No. PAC670165Report No. 13

## EARTH DISTURBANCE INSPECTION REPORT

Project Name 84 Zions View Road Inspection Date 9/24/19 Inspection Time 9:00 – 10:45 pm

### Continuation Sheet

#### Site Description & Observations:

- 9) Area between access drive and extended detention basin 2 has been seeded and mulched with wood fiber mulch.
- 10) Phase 2 Zions View road work is almost complete. Most of slopes seeded and matted and working on finishing up remaining areas this week – landscaper is currently on site. Currently working on completing stormwater drainage IN1-3 through outfall SW-1. Contractor stated that plan is to have road re-opened Friday evening.
- 11) Filter sock installed for phase 2 work.
- 12) Excess material from Zions View Rd widening is being stockpiled on SE side of access Road. Discussed and agreed that should install E&S BMPs in front section that does not drain back to Compost Filter sock sediment trap #4.

☒ Continued on page 4 of 4

#### Compliance Assistance Measures:

- 1) Should follow the approved E&S and PCSM plans.
- 2) Should work to continue stabilization of areas that are idle or at final grade.
- 3) Should immediately correct all violations cited on page 1 this report. Failure to correct all violations may result in the District initiating an enforcement action.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

Report compiled in office \_\_\_\_\_

(Signature of Site Representative)

(Date)

(Inspector's Signature)

9/24/19

(Date)

The Site Representative's 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 92a, 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, contact:

Robert Fetter  
Resource Conservationist-Network Administrator  
York County Conservation District  
118 Pleasant Acres Road  
York, PA 17402  
(717) 840-7430  
rfetter@yorkccd.org

Permit No. PAC670165Report No. 13**EARTH DISTURBANCE INSPECTION REPORT**Project Name 84 Zions View Road Inspection Date 9/24/19 Inspection Time 9:00 – 10:45 pm**Continuation Sheet** (check appropriate box)☒ Site Description and Observations☐ Compliance Assistance Measures

- 13) Blackhawk inlet filter matts installed, but throats of inlets not block off. (d, u, w)
- 14) Filter sock still in below access drive entrance area. Observed some soil pushed up against section of sock and not maintained as per plan. Discussed and agreed that will pull material back away from sock. (e, u, w)
- 15) New driveway installed for existing dwelling, topsoil spread, and will be working on stabilization.

## SITE MEETING NOTES

Project Name 84 Zions View Site Meeting Date 7/22/20 Site Meeting Time 9:00 – 9:45 am  
Weather Conditions Sunny, Hot  
Location Zions View Rd & Manchester St.  
Municipality East Manchester Twp. County York Permit No. PAC670165

Attendees: Timothy Newcamp, Liberty Excavating  
Joe Stein, Warehaus  
Robert Fetter, YorkCCD

- 1) Site meeting to walk the site to check on the status of the site and correcting items from 3/3/20 inspection.
- 2) Extended Detention Basin 4 and Constructed Filter Basin 5 is completed and seeded. Discussed that need to wait for vegetation to become established.
- 3) The Sediment basin 1 has been converted to Extended Detention Basin 3 and working on completing stabilization work.
- 4) Compost Filter Sock Trap 4 has been drained down and sediment has been removed. Filter sock is still in. Discussed that District would be ok with leaving compost filter sock in as long as the township is ok with it.
- 5) Observed and discussed that erosion control matting in bypass swale 1 not installed as per plan detail. Matting not trenched in and bottom end of the swale in area of compost filter sock trap 4 should be dressed up, seeded, and matted.
- 6) Extended Detention basin 2 has been dressed up and working on completing stabilization. Discussed that had issues with erosion in swale 5 so decided to install rip-rap. District inspector stated that District is ok with this.
- 7) Area of outlet SW-2 to new Texter driveway culvert has been dressed up, landscape mulched and plantings have been done. Contractor mention that the homeowner did some of the work. Rock berm installed at outlet structure SW-2.
- 8) Rock berm installed at outlet structure SW-3. And downslope area dressed up and seeded.
- 9) Discussed that once vegetation is established can send in Notice of Termination to close out the site.

Date:	5/18/21	Site Name:	Codorus Quarry Site	Permit #	PAD670033
Municipality	E. Manchester & Manchester Twps.	Complaint #		Photographer:	Rob Fetter
Weather :	Sunny, warm	Insp. #	Site meeting	Type of Camera:	Digital



Looking West along access road fille slope  
South side of Building 1



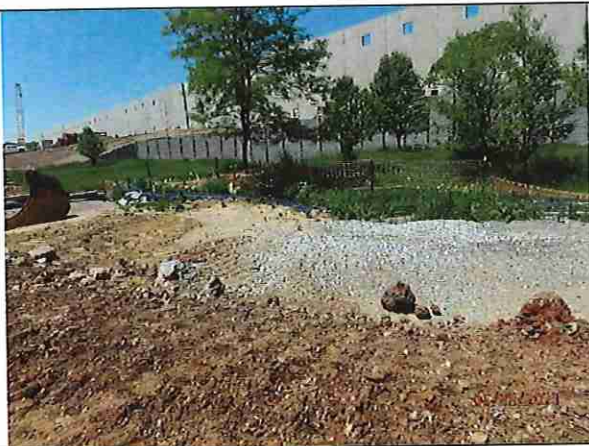
Looking East along access road fille slope  
South side of Building 1



Compost sock sediment trap 1



Compost sock sediment trap 1 and retaining  
wall 2



Looking toward retaining wall 1



Looking toward retaining wall 1



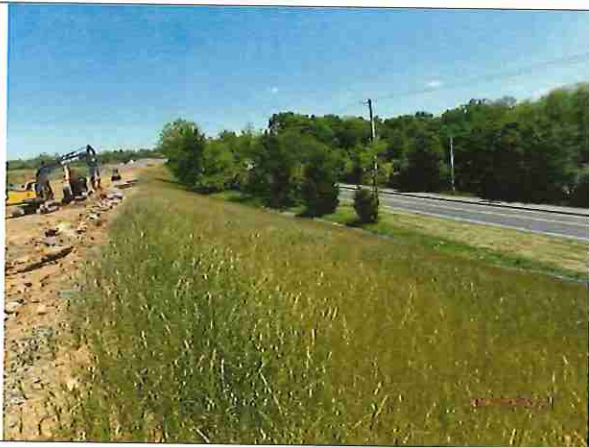
Date:	5/18/21	Site Name:	Codorus Quarry Site	Permit #	PAD670033
Municipality	E. Manchester & Manchester Twps.	Complaint #		Photographer:	Rob Fetter
Weather :	Sunny, warm	Insp. #	Site meeting	Type of Camera:	Digital



Slope above point of interest 5



Looking toward retaining wall 4



Looking east along south side fill slope south of sediment basin 2



Looking west along south side fill slope south of sediment basin 2



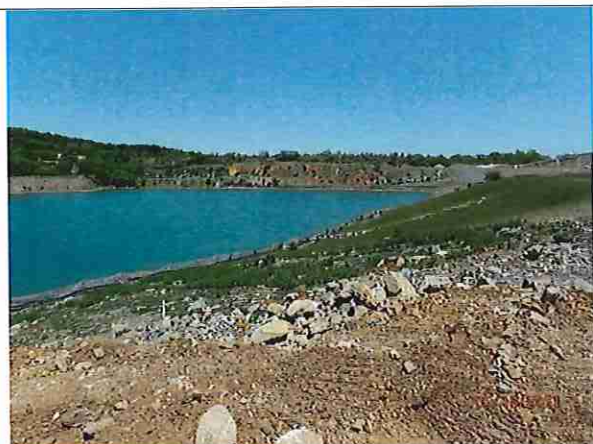
Looking toward inlet berm and outlet EW 21-0



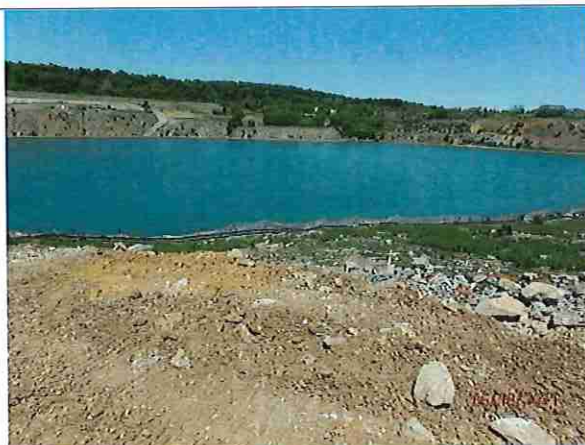
Sediment basin 2



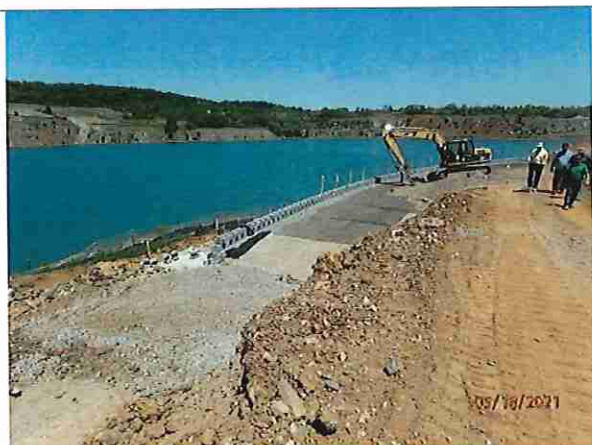
Date:	5/18/21	Site Name:	Codorus Quarry Site	Permit #	PAD670033
Municipality	E. Manchester & Manchester Twps.	Complaint #		Photographer:	Rob Fetter
Weather :	Sunny, warm	Insp. #	Site meeting	Type of Camera:	Digital



Looking NE across Quarry from area of sediment basin 2



Looking NE across Quarry from area of sediment basin 2



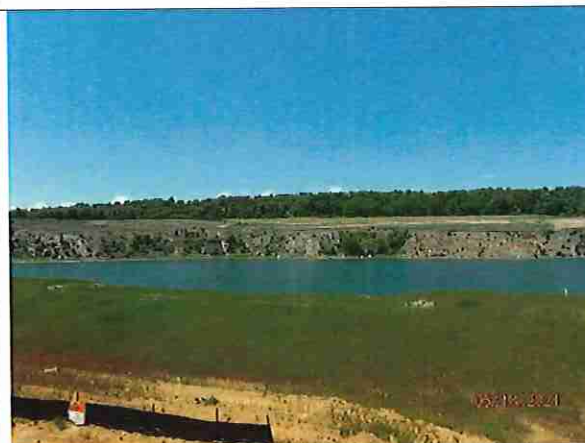
East end of retaining wall 5



Looking west along retaining wall 5



Sediment basin 1



Looking N across Quarry from area of sediment basin 1

Date:	5/18/21	Site Name:	Codorus Quarry Site	Permit #	PAD670033
Municipality	E. Manchester & Manchester Twps.	Complaint #		Photographer:	Rob Fetter
Weather :	Sunny, warm	Insp. #	Site meeting	Type of Camera:	Digital



Looking along North side of building 1



Looking toward access drive stub



Busser road entrance.



## SITE MEETING NOTES

Project Name Codorus Quarry Site Site Meeting Date 9/17/20 Site Meeting Time 1:00 – 1:30 pm

Weather Conditions Sunny, warm

Location Mundis Mill Road

Municipality East Manchester & Manchester Twps. County York Permit No. PAD670033

Attendees: Jason Sietz, Jarod Slagle, & Dean Peifer, KCI  
Mike Hozella, Core5 Industrial Partners  
Robert Fetter, YorkCCD

- 1) Follow-up site meeting to 7/13/20 pre-construction meeting to check the installation of E&S controls.
- 2) The Contractor staging area is installed using the existing paved area. Berms installed across the area to direct runoff to filter sock.
- 3) Perimeter filter sock (#23 – #29, #87, #90 – 92) and rock filters have been installed along Mundis Mill Road. Observed additional rock filter installed by KCI that was not shown on the plan. Discussed that should install filter stone on the flow side of the rock filter as per the plan detail.
- 4) Sediment basin #4 along with the concrete level spreader has been installed and stabilized. Filter socks #15 & #16 are in below basin. Inlet 41-2 and piping to sediment basin 4 has been installed.
- 5) Currently working on Busser Road access drive, associated stormwater piping and inlets for the drive, and in building 1 area. Filter socks #11 - #14 are installed. Discussed that plan to complete the access entrance area this week.
- 6) Sediment basin #1 is installed and seeded and mulched/matted. Observed vegetation is starting to come up. Temporary diversion channels 1D-1 & 1D-2 are installed. Working on removing the stone in the area of Temporary diversion channels 1A-2.
- 7) Filter socks #32 - #43 installed along the perimeter of the Quarry pit for initial site work.
- 8) Compost Filter Sock Sediment trap is installed.
- 9) Discussed that the existing stone that is being dug up on-site is being crushed to be used on site. A rock crushing area has been set up in the East corner of the site.

## SITE MEETING NOTES

Project Name KS Tooling Site Meeting Date 9/24/20 Site Meeting Time 9:00 – 9:15 am

Weather Conditions Cloudy, warm

Location Willow Springs Lane

Municipality East Manchester Twp. County York Permit No. PAC670235

Attendees: Jim Shaffer, KCI  
Robert Fetter, YorkCCD

- 1) Site meeting to check the status of the site.
- 2) The building addition is completed and paving has been placed on areas to be paved.
- 3) The Underground infiltration basin and retaining wall have been installed.
- 4) Disturbed areas of the site are stabilized except for some areas right behind curbs. Discussed working on dressing up the remaining areas to wrap up the site.
- 5) Filter sock still in. Discussed that the filter sock can be removed.
- 6) Once the remaining areas are stabilized, can submit the Notice of Termination to close out the NPDES Permit for the site.



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DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Permit No. PAC670235Report No. 1

## EARTH DISTURBANCE INSPECTION REPORT

Project Name KS Tooling Inspection Date 3/3/20 Inspection Time 11:30 – 11:45am  
Weather Conditions Cloudy, light rain Total Project Area 10.36 acres  
Location Willow Springs Rd. Total Disturbed Area 2.0 acres  
Municipality East Manchester Twp. County York  
Receiving Water(s) UNT to Little Conewago Creek Designated/Existing Use TSF

Responsible Party(s) KS Tooling, Inc. - Kenneth Sweigart(name & address) 535 Willow Springs LaneYork, PA 17406Phone (717) 764-5817( )Site Representative (name) Seth Gross, KCI  
(title) \_\_\_\_\_Inspector (name) Robert Fetter  
(title) Resource Conservationist – Network Admin.

## Type of Inspection

Photographs Taken Yes ☒ No ☐Routine complete ☐Routine partial ☐Follow-up ☒Complaint ☐Final ☐

## Site Description &amp; Observations:

- 1) Routine scheduled follow-up inspection to pre-construction meeting to check installation of E&S controls.
- 2) Site work is consistent with construction sequence stages 8 & 9. Currently working on grading for parking lot.
- 3) Silt sox installed below disturbed area.
- 4) Silt sox #9 & #10 not maintained as per plan. Topsoil pile below building addition push up against sock and sox #9 has tear in fabric. Discussed that fill/ stockpiles toe of slopes should be 8 ft. away from sox and should pull back material. Also discussed that can cover tear with additional mulch. (e, u, w)
- 5) Silt Soxs #2 - #5 not installed as per plan. Mulch wedge not installed. (d, u, w)
- 6) Rock construction entrance installed on NW side of parking area as discussed at preconstruction meeting, but installed outside limits of disturbance and over existing drainage way at end of existing driveway.

☐ 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 _____	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)	<input type="checkbox"/> Pvt. Road/Residence (PRRS)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Res. Subdivision (RSBD)	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Govmt. Facilities (GOV)	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Utilities Facilities (UTL)	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Pipeline (PL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)
	<input type="checkbox"/>		
	<input checked="" type="checkbox"/>		
Permit #: <u>PAC670235</u> Exp. Date: <u>2/7/24</u>			

Permit No. PAC670235Report No. 1

## EARTH DISTURBANCE INSPECTION REPORT

Project Name KS Tooling Inspection Date 3/3/20 Inspection Time 11:30 – 11:45am

Inspection Findings	Reference
No violations observed at this time.	<input type="checkbox"/> (N/A)
a. Failure to develop a written Erosion and Sediment (E&S) Plan.	<input type="checkbox"/> (102.4)
b. Failure to have an E&S Plan available onsite.	<input type="checkbox"/> (102.4)
c. Failure to submit an E&S Plan as requested.	<input type="checkbox"/> (102.4)
d. Failure to implement effective E&S Best Management Practices (BMPs).	<input checked="" type="checkbox"/> (102.4)
e. Failure to maintain effective E&S BMPs.	<input checked="" type="checkbox"/> (102.4)
f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters.	<input type="checkbox"/> (102.4)
g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities.	<input type="checkbox"/> (102.5)
h. Failure to obtain an E&S Permit.	<input type="checkbox"/> (102.5)
i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan.	<input type="checkbox"/> (102.5)
j. Failure to submit a Notice of Termination (NOT).	<input type="checkbox"/> (102.7)
k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan.	<input type="checkbox"/> (102.8)
l. Failure to have PCSM Plan/Restoration Plan available onsite.	<input type="checkbox"/> (102.8)
m. Failure to submit PCSM Plan/Restoration Plan as requested.	<input type="checkbox"/> (102.8)
n. Failure to implement effective PCSM BMPs.	<input type="checkbox"/> (102.8)
o. Failure to maintain effective PCSM BMPs.	<input type="checkbox"/> (102.8)
p. Failure to perform reporting and recordkeeping as required.	<input type="checkbox"/> (102.8)
q. Failure to implement riparian buffer or riparian forest buffer.	<input type="checkbox"/> (102.14)
r. Failure to meet regulatory requirements for riparian forest buffer.	<input type="checkbox"/> (102.14)
s. Failure to provide temporary stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
t. Failure to provide permanent stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
u. Failure to comply with permit conditions.	<input checked="" type="checkbox"/> (402 CSL)
v. Sediment or other pollutant was discharged into waters of the Commonwealth.	<input type="checkbox"/> (401 CSL)
w. Site conditions present a potential for pollution to waters of the Commonwealth.	<input checked="" type="checkbox"/> (402 CSL)
x. Failure to comply with a Department Order.	<input type="checkbox"/> (402, 611 CSL)
y. Failure to comply with PCSM long-term operation and maintenance requirements.	<input type="checkbox"/> (102.8)
z. Failure to conduct a preconstruction meeting.	<input type="checkbox"/> (102.5)
aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit.	<input type="checkbox"/> (102.6)
bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit.	<input type="checkbox"/> (102.43)
<input checked="" type="checkbox"/> Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.	



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DEPARTMENT OF ENVIRONMENTAL  
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BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Permit No. PAC670235Report No. 1

## EARTH DISTURBANCE INSPECTION REPORT

Project Name KS Tooling Inspection Date 3/3/20 Inspection Time 11:30 – 11:45am

### Continuation Sheet

### Site Description & Observations:

☐ Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures:

- 1) Should follow approved erosion and sediment control plan.
- 2) Should immediate work to correct violations noted on this report.
- 3) District request that a revised plan be submitted to address revised construction entrance installed over drainage way down from existing house.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

Report compiled in office \_\_\_\_\_

(Signature of Site Representative)

(Date)

*Robert Fetter*

(Inspector's Signature)

3/3/20

(Date)

The Site Representative's 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 92a, 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, contact:

Robert Fetter  
Resource Conservationist-Network Administrator  
York County Conservation District  
118 Pleasant Acres Road  
York, PA 17402  
(717) 840-7430  
rfetter@yorkccd.org

Permit No. PAG02006714019Report No. 9

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Orchard Business Park Ph II Lot 1 Inspection Date 9-12-19 Inspection Time 11:30 – Noon  
Weather Conditions Sunny, Hot Total Project Area 107.8 acres  
Location 700 E. Canal Rd Extended Total Disturbed Area 71.1 acres  
Municipality East manchester Twp. County York  
Receiving Water(s) Little Conewago Creek Designated/Existing Use TSF

Responsible Party(s) Kinsley Equities II, L.P. Kinsley Construction  
(name & address) 6259 Reynolds Mill Road  
Seven Valleys, PA 17360  
Phone (717) 741-8408 ( )

Site Representative (name) No one on site Inspector (name) Robert Fetter  
(title) (title) Resource Conservationist – Network Admin.

### Type of Inspection

Photographs Taken Yes ☒ No ☐

Routine complete ☐ Routine partial ☒ Follow-up ☐ Complaint ☐ Final ☐

### Site Description & Observations:

- 1) Routine partial inspection for Notice of Termination to terminate Lot 1 of Orchard Business Park Phase II.
- 2) Building 1 completed and disturbed area permanently stabilized.
- 3) Sediment Basin 1A converted to Stormwater Basin 1A, but not as per PCSM plan. (n, u, w)
  - Fore-bays not installed as per depth or elevations on PCSM plan.
  - Underdrain has been installed that is not shown on PCSM plan.
- 4) Sediment Basin 1B converted to Stormwater Basin 1B, but not as per PCSM plan. (n, u, w)
  - Fore-bay, at EW-B1 & EW-B3, berm and spillway elevations not correct. Record drawings shows berm elevation of 351.2 and PCSM is at 352 and spillway at 350.3 and PCSM is at 351.
  - Stone filter berm appears to be installed backwards – filter stone is backside.
- 5) Constructed Filter 1A installed per PCSM 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"/>	<input type="checkbox"/> Other _____	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)	<input type="checkbox"/> Pvt. Road/Residence (PRRS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Res. Subdivision (RSBD)	<input checked="" type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Govmt. Facilities (GOV)	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Utilities Facilities (UTL)	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Pipeline (PL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)
	<input type="checkbox"/>		
	<input checked="" type="checkbox"/>		
Permit #: <u>PAG02006714019</u> Exp. Date: <u>3/6/20</u>			

Permit No. PAG02006714019Report No. 9

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Orchard Business Park Ph II Lot 1 Inspection Date 9-12-19 Inspection Time 11:30 – Noon

Inspection Findings	Reference
No violations observed at this time.	<input type="checkbox"/> (N/A)
a. Failure to develop a written Erosion and Sediment (E&S) Plan.	<input type="checkbox"/> (102.4)
b. Failure to have an E&S Plan available onsite.	<input type="checkbox"/> (102.4)
c. Failure to submit an E&S Plan as requested.	<input type="checkbox"/> (102.4)
d. Failure to implement effective E&S Best Management Practices (BMPs).	<input type="checkbox"/> (102.4)
e. Failure to maintain effective E&S BMPs.	<input type="checkbox"/> (102.4)
f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters.	<input type="checkbox"/> (102.4)
g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities.	<input type="checkbox"/> (102.5)
h. Failure to obtain an E&S Permit.	<input type="checkbox"/> (102.5)
i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan.	<input type="checkbox"/> (102.5)
j. Failure to submit a Notice of Termination (NOT).	<input type="checkbox"/> (102.7)
k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan.	<input type="checkbox"/> (102.8)
l. Failure to have PCSM Plan/Restoration Plan available onsite.	<input type="checkbox"/> (102.8)
m. Failure to submit PCSM Plan/Restoration Plan as requested.	<input type="checkbox"/> (102.8)
n. Failure to implement effective PCSM BMPs.	<input checked="" type="checkbox"/> (102.8)
o. Failure to maintain effective PCSM BMPs.	<input type="checkbox"/> (102.8)
p. Failure to perform reporting and recordkeeping as required.	<input type="checkbox"/> (102.8)
q. Failure to implement riparian buffer or riparian forest buffer.	<input type="checkbox"/> (102.14)
r. Failure to meet regulatory requirements for riparian forest buffer.	<input type="checkbox"/> (102.14)
s. Failure to provide temporary stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
t. Failure to provide permanent stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
u. Failure to comply with permit conditions.	<input checked="" type="checkbox"/> (402 CSL)
v. Sediment or other pollutant was discharged into waters of the Commonwealth.	<input type="checkbox"/> (401 CSL)
w. Site conditions present a potential for pollution to waters of the Commonwealth.	<input checked="" type="checkbox"/> (402 CSL)
x. Failure to comply with a Department Order.	<input type="checkbox"/> (402, 611 CSL)
y. Failure to comply with PCSM long-term operation and maintenance requirements.	<input type="checkbox"/> (102.8)
z. Failure to conduct a preconstruction meeting.	<input type="checkbox"/> (102.5)
aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit.	<input type="checkbox"/> (102.6)
bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit.	<input type="checkbox"/> (102.43)
<input checked="" type="checkbox"/> Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 <i>et seq.</i>	



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Permit No. PAG02006714019Report No. 9

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Orchard Business Park Ph II Lot 1 Inspection Date 9-12-19 Inspection Time 11:30 – Noon

### Continuation Sheet

### Site Description & Observations:

☐ Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures:

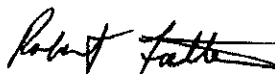
- 1) Notice of Termination has been denied.
- 2) Should continue to follow approved PCSM plan.
- 3) Should immediately correct all violations listed on page 1 of this report.
- 4) District request to submit revised PCSM plans addressing installation of underdrains in Basin 1A & 1B as minor amendment to NPDES permit.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

Report compiled in office \_\_\_\_\_

(Signature of Site Representative)

(Date)

  
(Inspector's Signature)

9/12/19

(Date)

The Site Representative's 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 92a, 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, contact:

Robert Fetter  
Resource Conservationist-Network Administrator  
York County Conservation District  
118 Pleasant Acres Road  
York, PA 17402  
(717) 840-7430  
rfetter@yorkccd.org



## CH. 102 COMPLIANCE ASSISTANCE MEASURES

Project Name Northern Heights Date 10/20/20 Site Visit Time 12:00 – 12:15 pm  
Complaint # \_\_\_\_\_ Permit # PAC670329  
Location N. Sherman Street Extd. Weather Conditions Sunny, mild  
Municipality East Manchester Twp. County York

### Site Description and Compliance Assistant Measures:

- 1) Follow-up to 3-3-20 inspection to check correction of violations and site conditions.
- 2) Sinkholes in the bottom of the basin have been repaired.
- 3) The micro pool in the basin has been repaired and stabilized and vegetation is becoming established.
- 4) The forebay spillway in BMP 4 is not installed as per the PCSM plan. Should check that all PCSM BMPs are installed as per the PCSM plan.
- 5) The District requests that a written response with photos of the corrective actions taken is submitted to the District by November 16, 2020. The response should be emailed to Robert Fetter at [rfetter@yorkccd.org](mailto:rfetter@yorkccd.org) or mailed to the York County Conservation District at 2401 Pleasant Valley Road, Suite # 101, Room # 139, York, PA 17402.

## CH. 102 COMPLIANCE ASSISTANCE MEASURES

Project Name Rolling Meadows Date 6-2-21 Site Visit Time 9:45 – 10:15 am  
Complaint # \_\_\_\_\_ Permit # PAC670149  
Location Meeting House Road Weather Conditions Cloudy, warm  
Municipality E. Manchester Twp. County York

### Site Description and Compliance Assistant Measures:

- 1) Follow-up site visit to 11/7/20 site visit. Lots under construction in area 1.
- 2) Bioretention forebay #2 berm blowout has not been repaired and appears eroded more and sediment deposited stormwater basin 2 bottom. Also reviewing the PCSM plan detail for this BMP, it is not installed as per plan.
- 3) Erosion at end of Basin 2 rip-rap apron not maintained.
- 4) Sediment basin 1 is still in. Observed groundhog holes in inside berm near the outlet that have not been repaired.
- 5) The District requests that a written response with photos of the corrective actions taken is submitted to the District **by June 23, 2020**. The response should be emailed to Robert Fetter at [rfetter@yorkccd.org](mailto:rfetter@yorkccd.org) or mailed to the York County Conservation District at 2401 Pleasant Valley Road, Suite # 101, Room # 139, York, PA 17402.



**YORK COUNTY  
CONSERVATION DISTRICT**

*Conserving Natural Resources for Our Future*

July 17, 2020

East Manchester Township  
5080 North Sherman St Ext.  
Mount Wolf, PA 17347

**RE: Storm Water Complaint Referral**

Rolling Meadows  
330-20  
East Manchester Township  
York County

Dear Sir or Madam:

This is in reference to a complaint that was received by our office on 6/10/20 concerning stormwater runoff problems at 5225 North George Street Extended. A site investigation was conducted on 6/19/20. The York County Conservation District has found that the area of concern is a storm water problem due to runoff from upslope lots in Rolling Meadows Subdivision causing erosion in slope below upslope lots. It was also noted that during storm events water from down spouts is discharging out of downspout air vents.

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 Clean Streams Law, the Chapter 102, Erosion and Sediment Control Rules and Regulations, Chapter 92, and NPDES Permit Requirements for Stormwater Discharges associated with construction activities.

However this concern has been determined to be stormwater-related, as opposed to erosion and sedimentation related. The District only has jurisdiction over erosion and sediment pollution control involving earth disturbance commonly associated with agricultural plowing and tilling, timber harvesting and construction activities. Under State law and policy the regulation of land development, including storm water drainage (i.e. Act 167 Stormwater Management Act), has always been considered to be primarily the responsibility of the local government.

It is the responsibility of the Conservation District to refer storm water-related complaints to the individual municipalities and recommends that representatives of the municipality investigate the problems as identified above.

If you have any questions or we can be of further assistance, please call our office at ph. # 717-840-7430.

Sincerely,

Robert Fetter, CPESC, CET  
Resource Conservationist – Network Administrator

cc: file





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Permit No. PAC670149Report No. 26

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Rolling Meadows (formerly Rentzel) Inspection Date 7-16-19 Inspection Time 9:15 – 9:45am  
 Weather Conditions Sunny, Hot Total Project Area 125.5 acres  
 Location N. George Street & Meeting House Road Total Disturbed Area 101 acres  
 Municipality East Manchester Twp County York  
 Receiving Water(s) UNT of W. Branch Conewago & Musser Run Designated/Existing Use WWF

Responsible Party(s) <u>Triple Crown Corp. - Zachary Yearick</u> (name & address) <u>5351 Jaycee Avenue</u> <u>Harrisburg, PA 17112</u> Phone <u>(717) 857-5729</u>	<u>Sonshine II, L.P. - William Briegel</u> <u>227 Granit Run Drive, Suite 100</u> <u>Lancaster, PA 17601</u> <u>(717) 464-9060</u>
--	---

Site Representative (name) _____ (title) _____	Inspector (name) <u>Robert Fetter</u> (title) <u>Resource Conservationist – Network Admin.</u>
---	---

### Type of Inspection

 Photographs Taken Yes ☒ No ☐

 Routine complete ☐ Routine partial ☒ Follow-up ☐ Complaint ☐ Final ☐

### Site Description & Observations:

- 1) Site inspection at request of Triple Crown Corp. to check about converting sediment basins.
- 2) Currently working in Construction Sequence 39 - 41 house construction - several new lots under construction.
- 3) Sediment basins 1 & 2 are still in and maintained. There is still numerous lots left in upslope drainage area to both basins.

☐ 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 _____	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Pub. Road Constr./Maint. (PRC)	<input type="checkbox"/> Pvt. Road/Residence (PRRS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Res. Subdivision (RSBD)	<input type="checkbox"/> Comm./Indust. Dev. (CMIN)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Govmt. Facilities (GOV)	<input type="checkbox"/> Recreation Facilities (RECF)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Utilities Facilities (UTL)	<input type="checkbox"/> Agricul. Activities (AGA)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Sewer/Water Systems (SWS)	<input type="checkbox"/> Pipeline (PL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Remediation/Restoration (RRES)	<input type="checkbox"/> Silviculture (SILV)
<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Permit #: <u>PAC670149</u> Exp. Date: <u>06/18/23</u>			



## EARTH DISTURBANCE INSPECTION REPORT

Project Name Rolling Meadows (formerly Rentzel) Inspection Date 7-16-19 Inspection Time 9:15 – 9:45am

Inspection Findings	Reference
No violations observed at this time.	<input checked="" type="checkbox"/> (N/A)
a. Failure to develop a written Erosion and Sediment (E&S) Plan.	<input type="checkbox"/> (102.4)
b. Failure to have an E&S Plan available onsite.	<input type="checkbox"/> (102.4)
c. Failure to submit an E&S Plan as requested.	<input type="checkbox"/> (102.4)
d. Failure to implement effective E&S Best Management Practices (BMPs).	<input type="checkbox"/> (102.4)
e. Failure to maintain effective E&S BMPs.	<input type="checkbox"/> (102.4)
f. Failure to use Antidegradation Best Available Combination of Technologies (ABACT) BMPs for discharges to High Quality or Exceptional Value Waters.	<input type="checkbox"/> (102.4)
g. Failure to obtain an NPDES Permit for Stormwater Discharges Associated with Construction Activities.	<input type="checkbox"/> (102.5)
h. Failure to obtain an E&S Permit.	<input type="checkbox"/> (102.5)
i. Failure to prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan.	<input type="checkbox"/> (102.5)
j. Failure to submit a Notice of Termination (NOT).	<input type="checkbox"/> (102.7)
k. Failure to develop a written Post Construction Stormwater Management (PCSM) Plan/Restoration Plan.	<input type="checkbox"/> (102.8)
l. Failure to have PCSM Plan/Restoration Plan available onsite.	<input type="checkbox"/> (102.8)
m. Failure to submit PCSM Plan/Restoration Plan as requested.	<input type="checkbox"/> (102.8)
n. Failure to implement effective PCSM BMPs.	<input type="checkbox"/> (102.8)
o. Failure to maintain effective PCSM BMPs.	<input type="checkbox"/> (102.8)
p. Failure to perform reporting and recordkeeping as required.	<input type="checkbox"/> (102.8)
q. Failure to implement riparian buffer or riparian forest buffer.	<input type="checkbox"/> (102.14)
r. Failure to meet regulatory requirements for riparian forest buffer.	<input type="checkbox"/> (102.14)
s. Failure to provide temporary stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
t. Failure to provide permanent stabilization of the earth disturbance site.	<input type="checkbox"/> (102.22)
u. Failure to comply with permit conditions.	<input type="checkbox"/> (402 CSL)
v. Sediment or other pollutant was discharged into waters of the Commonwealth.	<input type="checkbox"/> (401 CSL)
w. Site conditions present a potential for pollution to waters of the Commonwealth.	<input type="checkbox"/> (402 CSL)
x. Failure to comply with a Department Order.	<input type="checkbox"/> (402, 611 CSL)
y. Failure to comply with PCSM long-term operation and maintenance requirements.	<input type="checkbox"/> (102.8)
z. Failure to conduct a preconstruction meeting.	<input type="checkbox"/> (102.5)
aa. Failure to provide proof of consultation with the Pennsylvania Natural Heritage Program regarding the presence of a State or Federal threatened or endangered species on a project site requiring a Chapter 102 permit.	<input type="checkbox"/> (102.6)
bb. Failure to withhold a building or other permit or approval from those proposing or conducting earth disturbance activities, which require a Department permit, until the Department or conservation district has approved/acknowledged the Chapter 102 permit.	<input type="checkbox"/> (102.43)
<input type="checkbox"/> Inspection of this project has revealed site conditions which constitute violations of 25 Pa. Code Chapters 92a and/or 102 and the Clean Streams Law, the act of June 22, 1937, P.L. 1987, 35 P.S. §691.1 et seq.	

Permit No. PAC670149Report No. 26

## EARTH DISTURBANCE INSPECTION REPORT

Project Name Rolling Meadows (formerly Rentzel) Inspection Date 7-16-19 Inspection Time 9:15 – 9:45am

### Continuation Sheet

### Site Description & Observations:

☐ Continued on page \_\_\_\_\_ of \_\_\_\_\_

### Compliance Assistance Measures:

- 1) Should continue to follow Erosion & Sediment Control plan & PCSM plan.
- 2) Sediment basins need to remain until upslope drainage areas to perspective basins are permanently stabilized.

Follow-up Inspection will occur on or about (date) \_\_\_\_\_

Report compiled in office \_\_\_\_\_

(Signature of Site Representative)

(Date)

(Inspector's Signature)

7/16/19

(Date)

The Site Representative's 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 92a, 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, contact:

Robert Fetter  
Resource Conservationist-Network Administrator  
York County Conservation District  
118 Pleasant Acres Road  
York, PA 17402  
(717) 840-7430  
rfetter@yorkccd.org

Structure #	Map #	Type	Location	Comments
A001		Gea (Private)		
A002		Gea (Private)		
A003		Gea (Private)		
A004		Gea (Private)		
A005		Gea (Private)		
A006		Espresso Way		
A007		Espresso Way		
A008		Orchard Bus. Park (Private)		
A009		Orchard Bus. Park (Private)		
A010		Orchard Bus. Park (Private)		
A011		Orchard Bus. Park (Private)		
A012		Orchard Bus. Park (Basin outlet)		outfall 0024 at H003
A013		Willow Springs Lane		Discharge to Stream
A014		Willow Springs Lane		Discharge to Stream
A015		Willow Springs Circle		
A016		Willow Springs Lane		
A017		Willow Springs Lane		
A018		Parcel 23E (Private)		
A019		Parcel 23E (Private)		
A020		Parcel 23E (Private)		
A021		Parcel 23E (Private)		
A022		Parcel 23E (Private)		
A023		Parcel 23E (Private)		
A024		Parcel 23E (Private)		
A025		Parcel 23E (Private)		
A026		Parcel 23E (Basin Outlet)		
A027		Parcel 23E (Private)		
A028		Willow Springs Circle		
A029		Willow Springs Circle		
A030		Orchard Bus. Park (Private)		
A031		Orchard Bus. Park (Private)		
A032		Orchard Bus. Park (Private)		
A033		Orchard Bus. Park (Private)		
A034		Espresso Way		
A035		Espresso Way		
A036		Gea (Private)		
A037		Gea (Private)		
A038		Gea Drive		
A039		Gea Drive		
A040		Gea Drive		
A041		Gea Drive		
A042		Gea Drive		
A043		Gea Drive		
A044		Espresso Way		
A045		Espresso Way		
A046		Espresso Way		

A047	Orchard Bus. Park (Private)	
A048	Orchard Bus. Park (Starbucks)	
A049	Orchard Bus. Park (Starbucks)	
A050	Orchard Bus. Park (Starbucks)	
A051	Orchard Bus. Park (Starbucks)	
A052	Orchard Bus. Park (Starbucks)	
A053	Orchard Bus. Park (Starbucks)	
A054	Orchard Bus. Park (Starbucks)	
A055	Orchard Bus. Park (Starbucks)	
A056	Orchard Bus. Park (Starbucks)	
A057	Orchard Bus. Park (Starbucks)	
A058	Orchard Bus. Park (Starbucks)	
A059	Orchard Bus. Park (Starbucks)	
A060	Orchard Bus. Park (Starbucks)	
A061	Orchard Bus. Park (Starbucks)	
A062	Orchard Bus. Park (Starbucks)	
A063	Orchard Bus. Park (Starbucks)	
A064	Orchard Bus. Park (Starbucks)	
A065	Orchard Bus. Park (Starbucks)	
A066	Orchard Bus. Park (Starbucks)	
A067	Orchard Bus. Park (Starbucks)	
A068	Orchard Bus. Park (Starbucks)	
A069	Orchard Bus. Park (Starbucks)	
A070	Orchard Bus. Park (Starbucks)	
A071	Espresso Way	
A072	Espresso Way	
A073	Espresso Way	
A074	Espresso Way	
A075	Starbucks Basin Outlet	
A076	Willow Springs Lane	Discharge to Stream
A077	Orchard Bus. Park (Private)	
A078	Bartlett Drive	
A079	Bartlett Drive	
A080	Orchard Bus. Park (Private)	
A081	Orchard Bus. Park (Private)	
A082	Orchard Bus. Park (Private)	
A083	Orchard Bus. Park (Private)	
A084	Bartlett Drive	
A085	Bartlett Drive	
A086	Bartlett Drive	
A087	Orchard Bus. Park (Private)	
A088	Orchard Bus. Park (Private)	
A089	Orchard Bus. Park (Private)	
A090	Orchard Bus. Park (Private)	
A091	Orchard Bus. Park (Private)	
A092	Orchard Bus. Park (Private)	
A093	Orchard Bus. Park (Private)	



A094	Orchard Bus. Park (Private)	
A095	Orchard Bus. Park (Private)	
A096	Orchard Bus. Park (Private)	
A097	Espresso Way	
A098	Espresso Way	
A099	Bartlett Drive	
A100	Bartlett Drive	Discharge to Stream
A101	Willow Springs Lane	
A102	Orchard Bus. Park (Private)	
A103	Orchard Bus. Park (Private)	
A104	Willow Springs Lane	
A105	Willow Springs Lane	
A106	Willow Springs Lane	
A107	Willow Springs Lane	Discharge to Stream
A108	Willow Springs Lane	Discharge to Stream
A109	Willow Springs Lane	
A110	Willow Springs Lane	
A111	Leigh Drive	
A112	Leigh Drive	
A113	N/F GSK (Private)	
A114	N/F GSK (Private)	
A115	N/F GSK (Private)	
A116	N/F GSK (Private)	
A117	N/F GSK (Private)	
A118	N/F GSK (Private)	
A119	N/F GSK (Private)	
A120	N/F GSK (Private)	
A121	N/F GSK (Private)	
A122	N/F GSK (Private)	
A123	N/F GSK (Private)	
A124	N/F GSK (Private)	
A125	N/F GSK (Private)	
A126	N/F GSK (Private)	
A127	N/F GSK (Private)	
A128	N/F GSK (Private)	
A129	N/F GSK (Private)	
A130	N/F GSK (Private)	
A131	N/F GSK (Private)	
A132	N/F GSK (Private)	
A133	N/F GSK (Private)	
A134	N/F GSK (Private)	
A135	N/F GSK (Private)	
A136	Willow Springs Lane	
A137	Willow Springs Lane	
A138	Board Road	
A139	Greenfield Street	
A140	Greenfield Street	

A141	Greenfield Street	
A142	Greenfield Street	
A143	Greenfield Street	
A144	Greenfield Street	
A145	Debbie Lane	
A146	Debbie Lane	
A147	Debbie Lane	
A148	Debbie Lane	
A149	Debbie Lane	
A150	Debbie Lane	
A151	Greenfield Street	
A152	Greenfield Street	
A153	Greenfield Street	
A154	Beshore School Road	
A155	Beshore School Road	
A156	Beshore School Road	
A157	Beshore School Road	
A158	Beshore School Road	
A159	Beshore School Road	
A160	Beshore School Road	
A161	Beshore School Road	
A162	Beshore School Road	
A163	Greenfield Street	
A164	Greenfield Street	
A165	Greenfield Street	
A166	Greenfield Street	
A167	Green Ridge HOA	
A168	Green Ridge HOA	
A169	Greenfield Street	
A170	Greenfield Street	
A171	Evergreen Terrace	
A172	Evergreen Terrace	
A173	Evergreen Terrace	
A174	Greenfield Street	
A175	Greenfield Street	
A176	Greenfield Street	
A177	Greenfield Street	
A178	Evergreen Terrace	
A179	Evergreen Terrace	
A180	Greenfield Street	
A181	Greenfield Street	
A182	Greenfield Street	
A183	Greenfield Street	
A184	Beshore School Road	
A185	Beshore School Road	Discharge to Stream
A186	Beshore School Road	Discharge to Stream
A187	Beshore School Road	Discharge to Stream

A188	Beshore School Road	Discharge to Stream
A189	Greenfield HOA	
A190	Hickory Drive	
A191	Hickory Drive	Discharge to Stream
A192	Hickory Drive	
A193	Hickory Drive	
A194	Hickory Drive	
A195	Hickory Drive	
A196	Hickory Drive	
A197	Ivy Drive	
A198	Ivy Drive	Discharge to Stream
A199	Ivy Drive	
A200	Ivy Drive	
A201	Ivy Drive	
A202	Ivy Drive	
A203	Ivy Drive	
A204	Ivy Drive	
A205	Ivy Drive	
A206	Ivy Drive	
A207	Ivy Drive (Outfall 21)	Outfall 21
A208	Hazel Drive	
A209	Hazel Drive	Discharge to Stream
A210	Hazel Drive	
A211	Hazel Drive	Discharge to Stream
A212	Hazel Drive	
A213	Hazel Drive	
A214	Hazel Drive	
A215	Hazel Drive	
A216	Hazel Drive	Discharge to Stream
A217	Locust Court	
A218	Locust Court	
A219	Locust Court	
A220	Locust Court	
A221	Locust Court	
A222	Locust Court	
A223	Brylea Drive (Outfall 018)	Outfall 018
A224	Brylea Drive	
A225	Brylea Drive	
A226	Mundis Race Road	
A227	Mundis Race Road	Discharge to Stream
A228	Mundis Race Road	
A229	Mundis Race Road (Outfall 017)	Outfall 017
A230	Dellinger Road	
A231	Dellinger Road	
A232	Dellinger Road	
A233	Dellinger Road	
A234	Dellinger Road	

A235	Dellinger Road	
A236	Dellinger Road	
A237	Dellinger Road	
A238	Dellinger Road	
A239	Dellinger Road	
A240	Dellinger Road	
A241	Dellinger Road	
A242	Dellinger Road	
A243	Dellinger Road	
A244	Dellinger Road	
A245	Dellinger Road	
A246	Dellinger Road	
A247	Dellinger Road	
A248	Mundis Race Road	
A249	Mundis Race Road	Discharge to Stream
A250	Dellinger Road	
A251	Dellinger Road	
A252	Dellinger Road	
A253	Dellinger Road	
A254	Dellinger Road	
A255	Dellinger Road	
A256	Dellinger Road	
A257	Dellinger Road	
A258	Dellinger Road	
A259	Dellinger Road	
A260	Dellinger Road	
A261	Dellinger Road	
A262	Dellinger Road	
A263	Dellinger Road	
A264	Mundis Race Road	Discharge to Stream
A265	Mundis Race Road	Discharge to Stream
A266	Mundis Race Road	
A267	Mundis Race Road	
A268	Sherman Oaks HOA	
A269	Sherman Oaks HOA	
A270	Mundis Race Road	
A271	Laurel Drive	
A272	Laurel Drive	
A273	Laurel Drive	
A274	Laurel Drive	
A275	Laurel Drive	
A276	Laurel Drive	
A277	Laurel Drive	
A278	Laurel Drive	
A279	Laurel Drive	
A280	Laurel Drive	
A281	Laurel Drive	

A282	Laurel Drive	
A283	Laurel Drive	
A284	Laurel Drive	
A285	Laurel Drive	
A286	Laurel Drive	
A287	Laurel Drive	
A288	Laurel Drive	
A289	Apple Tree Lane	
A290	Apple Tree Lane	
A291	Apple Tree Lane	
A292	Apple Tree Lane	
A293	Apple Tree Lane	
A294	Apple Tree Lane	
A295	Apple Tree Lane	
A296	Apple Tree Lane	
A297	Apple Tree Lane	
A298	Apple Tree Lane	
A299	Apple Tree Lane	
A300	Apple Tree Lane	
A301	Apple Tree Lane	
A302	Apple Tree Lane	
A303	Apple Tree Lane	
A304	Apple Tree Lane	
A305	Apple Tree Lane	
A306	Apple Tree Lane	
A307	Apple Tree Lane	
A308	Apple Tree Lane	
A309	Apple Tree Lane	
A310	Apple Tree Lane	
A311	Apple Tree Lane	
A312	Apple Tree Lane	
A313	Apple Tree Lane	
A314	Apple Tree Lane	
A315	Apple Tree Lane	
A316	Olde Hickory Road	
A317	Olde Hickory Road	
A318	Olde Hickory Road	
A319	Silver Maple Court	
A320	Silver Maple Court	
A321	Silver Maple Court	
A322	Silver Maple Court	
A323	Silver Maple Court	
A324	Silver Maple Court	
A325	Silver Maple Court	
A326	Silver Maple Court	
A327	N. Sherman Street Ext'd (Outfall 016)	Outfall 016
A328	Apple Tree Lane	

A329	Apple Tree Lane
A330	Apple Tree Lane
A331	Apple Tree Lane
A332	Apple Tree Lane
A333	Apple Tree Lane
A334	Apple Tree Lane
A335	Apple Tree Lane
A336	Apple Tree Lane
A337	Apple Tree Lane
A338	Apple Tree Lane
A339	Apple Tree Lane
A340	Apple Tree Lane
A341	Apple Tree Lane
A342	Apple Tree Lane
A343	Hackberry Drive
A344	Hackberry Drive
A345	Hackberry Drive
A346	Hackberry Drive
A347	Hackberry Drive
A348	Hackberry Drive
A349	Silver Maple Court
A350	Silver Maple Court
A351	Silver Maple Court
A352	Silver Maple Court
A353	Silver Maple Court
A354	Silver Maple Court
A355	Silver Maple Court
A356	Silver Maple Court
A357	Silver Maple Court
A358	Silver Maple Court
A359	Silver Maple Court
A360	Silver Maple Court
A361	Beech Tree Lane
A362	Beech Tree Lane
A363	Beech Tree Lane
A364	Sherman Oaks
A365	Sherman Oaks
A366	Sherman Oaks
A367	Oak Drive
A368	Oak Drive
A369	Oak Drive
A370	Olde Hickory Road
A371	Olde Hickory Road
A372	Olde Hickory Road
A373	Olde Hickory Road
A374	Olde Hickory Road
A375	Olde Hickory Road

A376	Olde Hickory Road	
A377	Olde Hickory Road	
A378	Olde Hickory Road	
A379	Olde Hickory Road	
A380	Olde Hickory Road	
A381	Olde Hickory Road	
A382	Sherman Oaks	
A383	Bitternut Road	
A384	N. Sherman Street Ext'd	Discharge to Stream
A385	N. Sherman Street Ext'd	
A386	N. Sherman Street Ext'd	
A387	N. Sherman Street Ext'd	
A388	N. Sherman Street Ext'd	Discharge to Stream
A389	N. Sherman Street Ext'd	Discharge to Stream
A390	N. Sherman Street Ext'd	
A391	N. Sherman Street Ext'd	
A392	Blossom Drive	Discharge to Stream
A393	Brickyard Road	Discharge to Stream
A394	N. George Street	
A395	N. George Street	Discharge to Stream
A396	N. George Street	
A397	N. George Street	
A398	N. George Street	
A399	N. George Street	
A400	N. George Street	
A401	N. George Street	
A402	N. George Street	
A403	N. George Street	
A404	N. George Street	
A405	N. George Street	
A406	N. George Street	
A407	Beshore School Road	Discharge to Stream
A408	Beshore School Road	
A409	Beshore School Road	
A410	East Manchester Village Center	
A411	East Manchester Village Center	
A412	East Manchester Village Center	
A413	East Manchester Village Center	
A414	East Manchester Village Center	
A415	East Manchester Village Center	
A416	East Manchester Village Center	
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A422	East Manchester Village Center	

A423	East Manchester Village Center	
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A431	East Manchester Village Center	
A432	East Manchester Village Center	
A433	East Manchester Village Center	
A434	East Manchester Village Center	
A435	East Manchester Village Center	
A436	East Manchester Village Center	
A437	East Manchester Village Center	
A438	East Manchester Village Center	
A439	East Manchester Village Center	
A440	East Manchester Village Center	
A441	East Manchester Village Center	
A442	Glen Drive	
A443	Glen Drive	
A444	N. George Street	
A445	East Manchester Village Center	
A446	East Manchester Village Center	
A447	Glen Drive	
A448	Glen Drive	
A449	Rite Aid	
A450	Rite Aid	
A451	Rite Aid	
A452	Rite Aid	
A453	Rite Aid	
A454	Rite Aid	
A455	Rite Aid	
A456	Dauberton	
A457	Dauberton	Discharge to Stream
A458	Dauberton	
A459	Dauberton	Discharge to Stream
A460	Dauberton	
A461	Dauberton	
A462	Dauberton	
A463	Dauberton	
A464	Dauberton	
A465	Dauberton	
A466	Dauberton	
A467	Dauberton	
A468	Dauberton	Discharge to Stream
A469	Zions View Road	



A470	Zions View Road	
A471	Canal Road	
A472	Canal Road	
A473	Canal Road	
A474	Canal Road	
A475	Canal Road	Discharge to Stream
A476	Canal Road	Discharge to Stream
A477	Manchester Street	
A478	Manchester Street	
A479	N. George Street Ext'd	Discharge to Stream
A480	N. George Street Ext'd	
A481	N. George Street Ext'd	
A482	N. George Street Ext'd	
A483	N. George Street Ext'd	
A484	N. George Street Ext'd	
A485	Rentzel Drive	
A486	Rentzel Drive	
A487	Rentzel Drive	
A488	Rentzel Drive	
A489	Rentzel Drive	
A490	Rentzel Drive	
A491	Rentzel Farms	
A492	Rentzel Farms	
A493	Rentzel Farms	
A494	Rentzel Farms	
A495	Rentzel Farms	
A496	Rentzel Drive	
A497	Rentzel Drive	
A498	Rentzel Drive	
A499	Rentzel Drive	
A500	Rentzel Drive	
A501	Rentzel Drive	
A502	Rentzel Drive	
A503	Rentzel Drive	
A504	Rentzel Drive	
A505	Rentzel Drive	
A506	Rentzel Drive	
A507	Rentzel Drive	
A508	Rentzel Farms	
A509	N. George Street Ext'd	
A510	N. George Street Ext'd	
A511	N. George Street Ext'd	
A512	N. George Street Ext'd	
A513	N. George Street Ext'd	
A514	N. George Street Ext'd	
A515	N. George Street Ext'd	
A516	N. George Street Ext'd	

A517	Meeting House Road
A518	Meeting House Road
A519	Meeting House Road
A520	Meeting House Road
A521	Rentzel Farms
A522	Rentzel Farms
A523	Rentzel Farms
A524	Auction Drive
A525	Auction Drive
A526	Auction Drive
A527	Auction Drive
A528	Auction Drive
A529	Auction Drive
A530	Spring Meadows Road
A531	Spring Meadows Road
A532	Spring Meadows Road
A533	Spring Meadows Road
A534	Spring Meadows Road
A535	Spring Meadows Road
A536	Spring Meadows Road
A537	Spring Meadows Road
A538	Spring Meadows Road
A539	Spring Meadows Road
A540	Spring Meadows Road
A541	Spring Meadows Road
A542	Spring Meadows Road
A543	Spring Meadows Road
A544	Coriander Lane
A545	Coriander Lane
A546	Coriander Lane
A547	Coriander Lane
A548	Coriander Lane
A549	Coriander Lane
A550	Coriander Lane
A551	Coriander Lane
A552	Coriander Lane
A553	Coriander Lane
A554	Coriander Lane
A555	Coriander Lane
A556	Spring Meadows Road
A557	Spring Meadows Road
A558	Spring Meadows Road
A559	Spring Meadows Road
A560	Spring Meadows Road
A561	Spring Meadows Road
A562	Spring Meadows Road
A563	Spring Meadows Road

A564	Spring Meadows Road
A565	Spring Meadows Road
A566	Spring Meadows Road
A567	Spring Meadows Road
A568	Spring Meadows Road
A569	Hollyhock Drive
A570	Hollyhock Drive
A571	Hollyhock Drive
A572	Hollyhock Drive
A573	Hollyhock Drive
A574	Hollyhock Drive
A575	Hollyhock Drive
A576	Hollyhock Drive
A577	Hollyhock Drive
A578	Hollyhock Drive
A579	Wagon Way
A580	Wagon Way
A581	Village Road
A582	Village Road
A583	Village Road
A584	Village Road
A585	Village Road
A586	Village Road
A587	Village Road
A588	Village Road
A589	Village Road
A590	Village Road
A591	Village Road
A592	Village Road
A593	Village Road
A594	Village Road
A595	Village Road
A596	Village Road
A597	Village Road
A598	Village Road
A599	Village Road
A600	Village Road
A601	Village Road
A602	Wagon Way
A603	Wagon Way
A604	Wagon Way
A605	Spring Meadows Road
A606	Spring Meadows Road
A607	Spring Meadows Road
A608	Spring Meadows Road
A609	Spring Meadows Road
A610	Spring Meadows Road

A611	Spring Meadows Road
A612	Hollyhock Drive
A613	Hollyhock Drive
A614	Hollyhock Drive
A615	Hollyhock Drive
A616	Hollyhock Drive
A617	Hollyhock Drive
A618	Hollyhock Drive
A619	Hollyhock Drive
A620	Hollyhock Drive
A621	Hollyhock Drive
A622	Hollyhock Drive
A623	Hollyhock Drive
A624	Hollyhock Drive
A625	Hollyhock Drive
A626	Hollyhock Drive
A627	Hollyhock Drive
A628	Hollyhock Drive
A629	Hollyhock Drive
A630	Hollyhock Drive
A631	Hollyhock Drive
A632	Hollyhock Drive
A633	Hollyhock Drive
A634	Hollyhock Drive
A635	Hollyhock Drive
A636	Hollyhock Drive
A637	Hollyhock Drive
A638	Hollyhock Drive
A639	Hollyhock Drive
A640	Hollyhock Drive
A641	Hollyhock Drive
A642	Hollyhock Drive
A643	Hollyhock Drive
A644	Hollyhock Drive
A645	Hollyhock Drive
A646	Hollyhock Drive
A647	Rentzel Farms
A648	Blaine Drive
A649	Blaine Drive
A650	Blaine Drive
A651	Blaine Drive
A652	Blaine Drive
A653	Blaine Drive
A654	Blaine Drive
A655	Rentzel Farms
A656	Rentzel Farms
A657	Rentzel Farms

A658	Board Road
A659	Board Road
A660	High Street
A661	High Street
A662	High Street
A663	High Street
A664	High Street
A665	N.E. School District
A666	N.E. School District
A667	N.E. School District
A668	N.E. School District
A669	N.E. School District
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A695	N.E. School District
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A697	N.E. School District
A698	N.E. School District
A699	N.E. School District
A700	N.E. School District
A701	N.E. School District
A702	N.E. School District
A703	N.E. School District
A704	N.E. School District

A705	N.E. School District
A706	N.E. School District
A707	N.E. School District
A708	N.E. School District
A709	N.E. School District
A710	N.E. School District
A711	N.E. School District
A712	N.E. School District
A713	N.E. School District
A714	N.E. School District
A715	N.E. School District
A716	N.E. School District
A717	Board Road
A718	Board Road
A719	Board Road
A720	Chestnut Street
A721	Chestnut Street
A722	Chestnut Street
A723	Chestnut Street
A724	Chestnut Street
A725	Chestnut Street
A726	Chestnut Street
A727	Chestnut Street
A728	Chestnut Street
A729	Chestnut Street
A730	Chestnut Street
A731	Chestnut Street
A732	Chestnut Street
A733	Board Road
A734	Board Road
A735	Board Road
A736	Board Road
A737	Board Road
A738	Board Road
A739	Board Road
A740	Board Road
A741	Board Road
A742	Board Road
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A744	Board Road
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A746	Board Road
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A750	Board Road
A751	Board Road

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A763	Board Road
A764	Board Road
A765	Board Road
A766	Board Road
A767	Board Road
A768	Board Road
A769	Board Road
A770	Board Road
A771	Board Road
A772	Board Road
A773	Board Road
A774	Board Road
A775	Board Road
A776	Board Road
A777	Board Road
A778	Pebble Beach Drive
A779	Pebble Beach Drive
A780	Pebble Beach Drive
A781	Pebble Beach Drive
A782	Pebble Beach Drive
A783	Pebble Beach Drive
A784	Pebble Beach Drive
A785	Pebble Beach Drive
A786	Pebble Beach Drive
A787	Pebble Beach Drive
A788	Pebble Beach Drive
A789	Pebble Beach Drive
A790	Torrey Pines Drive
A791	Torrey Pines Drive
A792	Torrey Pines Drive
A793	Torrey Pines Drive
A794	Torrey Pines Drive
A795	Torrey Pines Drive
A796	Torrey Pines Drive
A797	Torrey Pines Drive
A798	Torrey Pines Drive

A799	Torrey Pines Drive	
A800	Torrey Pines Drive	
A801	Lynne Drive	
A802	Lynne Drive	
A803	Lynne Drive	
A804	Pebble Beach Drive	
A805	Pebble Beach Drive	
A806	Pebble Beach Drive	
A807	Pebble Beach Drive	
A808	Lynne Drive	
A809	Pebble Beach Drive	
A810	Pebble Beach Drive	
A811	Pebble Beach Drive	
A812	Pebble Beach Drive	
A813	Chestnut Street	
A814	Riviera Street	
A815	Riviera Street	
A816	Riviera Street	
A817	Riviera Street	
A818	Riviera Street	
A819	Riviera Street	
A820	Riviera Street	
A821	Brendan Mews	
A822	Brendan Mews	
A823	Brendan Mews	
A824	Brendan Mews	
A825	Brendan Mews	
A826	Brendan Mews	
A827	Brendan Mews	
A828	Brendan Mews	
A829	Brendan Mews	
A830	Brendan Mews	
A831	Brendan Mews	
A832	Brendan Mews	
A833	Brendan Mews	
A834	Brendan Mews	
A835	Brendan Mews	
A836	Brendan Mews	
A837	Northern Heights	
A838	Northern Heights	
A839	Northern Heights	
A840	Northern Heights	
A841	N. Sherman Street Ext'd (Outfall 019)	Outfall 019
A842	N. Sherman Street Ext'd	
A843	N. Sherman Street Ext'd	
A844	N. Sherman Street Ext'd	
A845	Bryn Way	



A846	Bryn Way	
A847	Northern Heights	
A848	Bryn Way	
A849	Bryn Way	
A850	Bryn Way	
A851	Bryn Way	
A852	Bryn Way	
A853	Bryn Way	
A854	Bryn Way	
A855	Bryn Way	
A856	Bryn Way	
A857	Bryn Way	
A858	Bryn Way	
A859	Bryn Way	
A860	Bryn Way	
A861	Bryn Way	
A862	Bryn Way	
A863	Bryn Way	
A864	Bryn Way	
A865	Bryn Way	
A866	Ryan Lane	
A867	Ryan Lane	
A868	Ryan Lane	
A869	Ryan Lane	
A870	Ryan Lane	
A871	Ryan Lane	
A872	Ryan Lane	
A873	Ryan Lane	
A874	Ryan Lane	
A875	Ryan Lane	
A876	Ryan Lane	
A877	Ryan Lane	
A878	Ryan Lane	
A879	Ryan Lane	
A880	Bryn Way	
A881	Bryn Way	
A882	Bryn Way	
A883	Bryn Way	
A884	Northern Heights	
A885	N. Sherman Street Ext'd	Discharge to Stream
A886	N. Sherman Street Ext'd	
A887	N. Sherman Street Ext'd	
A888	N. Sherman Street Ext'd	
A889	N. Sherman Street Ext'd	
A890	Poplar Estates	
A891	Poplar Estates (Outfall 007)	Outfall 007
A892	Poplar Lane	

A893	Poplar Lane	
A894	Poplar Lane	
A895	Poplar Lane	
A896	Poplar Lane	
A897	Poplar Lane	
A898	Poplar Lane	
A899	Poplar Lane	
A900	Poplar Lane	
A901	Poplar Lane	
A902	Poplar Lane	
A903	Poplar Lane	
A904	Poplar Lane	
A905	Poplar Lane	
A906	N. Sherman Street Ext'd	
A907	N. Sherman Street Ext'd	
A908	N. Sherman Street Ext'd	
A909	Codorus Furnace Road	
A910	Codorus Furnace Road	
A911	Saginaw Road	Discharge to Stream
A912	Jerusalem School Road	Discharge to Stream
A913	Jerusalem School Road	
A914	Don Rene Road	Discharge to Stream
A915	Mt. Hebron Road	
A916	Mt. Hebron Road	
A917	Riverview Drive	Discharge to Stream
A918	Riverview Drive	Discharge to Stream
A919	Riverview Drive	Discharge to Stream
A920	Riverview Drive	Discharge to Stream
A921	Riverview Drive	
A922	Riverview Drive	Discharge to Stream
A923	Burberry Lane	
A924	Burberry Lane	
A925	Burberry Lane	
A926	Burberry Lane	
A927	Asbury Pointe	
A928	Abbey Drive	
A929	Abbey Drive	
A930	Abbey Drive	
A931	Jerusalem School Road	Discharge to Stream
A932	Jerusalem School Road	
A933	Jerusalem School Road	
A934	Jerusalem School Road (Outfall 011)	Outfall 011
A935	Jerusalem School Road	Discharge to Stream
A936	Jerusalem School Road	
A937	Burberry Lane	
A938	Burberry Lane	
A939	Burberry Lane	

A940	Burberry Lane	
A941	Asbury Pointe	Discharge to Stream
A942	Westminster Court	
A943	Westminster Court	
A944	Westminster Court	
A945	Abbey Drive	
A946	Abbey Drive	Discharge to Stream
A947	Codorus Furnace Road	
A948	Codorus Furnace Road	
A949	Codorus Furnace Road	Discharge to Stream
A950	Jerusalem School Road	
A951	Riverview Drive (Outfall 010)	Outfall 010
A952	Mt. Hebron Road	Discharge to Stream
A953	Mt. Hebron Road	Discharge to Stream
A954	Saginaw Road	Discharge to Stream
A955	Saginaw Road	Discharge to Stream
A956	Long Road	Discharge to Stream
A957	York Street	
A958	York Street	
A959	York Street	
A960	York Street	
A961	York Street	
A962	York Street	
A963	York Street	
A964	York Street	Discharge to Stream
A965	York Street	
A966	York Street	
A967	York Street	
A968	York Street	
A969	York Street	
A970	York Street	
A971	Second Street	
A972	Second Street	
A973	Second Street	
A974	Second Street	
A975	Second Street	
A976	Second Street	Discharge to Stream
A977	Second Street	Discharge to Stream
A978	Second Street	
A979	Market Street	
A980	Market Street	
A981	Market Street	
A982	Market Street	
A983	Market Street	
A984	Market Street	
A985	Market Street	
A986	Market Street	

A987	Market Street	
A988	Market Street	Discharge to Stream
A989	Locust Street	
A990	Locust Street	
A991	Locust Street	
A992	Gravel Hill Road	Discharge to Stream
A993	Wago Road (Outfall 004)	Outfall 004
A994	Wago Road	Discharge to Stream
A995	Gut Road	Discharge to Stream
A996	Board Road	
A997	Board Road	
A998	Board Road	
A999	Board Road	
B001	Board Road	
B002	Board Road	
B003	Board Road	
B004	Board Road	
B005	Board Road	
B006	Board Road	
B007	Board Road	
B008	Board Road	
B009	Board Road	
B010	Pebble Beach Drive	
B011	Pebble Beach Drive	
B012	Pebble Beach Drive	
B013	Pebble Beach Drive	
B014	Pebble Beach Drive	
B015	Pebble Beach Drive	
B016	Pebble Beach Drive	
B017	Pebble Beach Drive	
B018	Pebble Beach Drive	
B019	Pebble Beach Drive	
B020	Pebble Beach Drive	
B021	Pebble Beach Drive	
B022	Pebble Beach Drive	
B023	Pebble Beach Drive	
B024	Pebble Beach Drive	
B025	Pebble Beach Drive	
B026	Pebble Beach Drive	
B027	Pebble Beach Drive	
B028	Pebble Beach Drive	
B029	Pebble Beach Drive	
B030	Pebble Beach Drive	
B031	Payne Drive	
B032	Payne Drive	
B033	Chestnut Valley	
B034	Torrey Pines Drive	

B035	Torrey Pines Drive
B036	Torrey Pines Drive
B037	Torrey Pines Drive
B038	Torrey Pines Drive
B039	Torrey Pines Drive
B040	Torrey Pines Drive
B041	Torrey Pines Drive
B042	Torrey Pines Drive
B043	Torrey Pines Drive
B044	Torrey Pines Drive
B045	Torrey Pines Drive
B046	Torrey Pines Drive
B047	Torrey Pines Drive
B048	Torrey Pines Drive
B049	Torrey Pines Drive
B050	Torrey Pines Drive
B051	Torrey Pines Drive
B052	Torrey Pines Drive
B053	Torrey Pines Drive
B054	Torrey Pines Drive
B055	Torrey Pines Drive
B056	Torrey Pines Drive
B057	Torrey Pines Drive
B058	Torrey Pines Drive
B059	Torrey Pines Drive
B060	Torrey Pines Drive
B061	Payne Drive
B062	Payne Drive
B063	Chestnut Valley
B064	Riviera Street
B065	Riviera Street
B066	Riviera Street
B067	Riviera Street
B068	Torrey Pines Drive
B069	Riviera Street
B070	Riviera Street
B071	Riviera Street
B072	Riviera Street
B073	Riviera Street
B074	Riviera Street
B075	Riviera Street
B076	Riviera Street
B077	Riviera Street
B078	Chestnut Valley
B079	Chestnut Valley
B080	Riviera Street
B081	Riviera Street

B082	Riviera Street
B083	Riviera Street
B084	Riviera Street
B085	Riviera Street
B086	Riviera Street
B087	Riviera Street
B088	Riviera Street
B089	Riviera Street
B090	Lynne Drive
B091	Lynne Drive
B092	Payne Drive
B093	Payne Drive
B094	Payne Drive
B095	Riviera Street
B096	Riviera Street
B097	Riviera Street
B098	Riviera Street
B099	Riviera Street
B100	Riviera Street
B101	Riviera Street
B102	Riviera Street
B103	Lynne Drive
B104	Lynne Drive
B105	Lynne Drive
B106	Lynne Drive
B107	Lynne Drive
B108	Lynne Drive
B109	Lynne Drive
B110	Lynne Drive
B111	Lynne Drive
B112	Lynne Drive
B113	Lynne Drive
B114	Lynne Drive
B115	Lynne Drive
B116	Lynne Drive
B117	Lynne Drive
B118	Chestnut Valley
B119	Austin Drive
B120	Austin Drive
B121	Austin Drive
B122	Austin Drive
B123	Austin Drive
B124	Austin Drive
B125	Austin Drive
B126	Austin Drive
B127	Payne Drive
B128	Payne Drive

B129	Payne Drive	
B130	Payne Drive	
B131	Payne Drive	
B132	Payne Drive	
B133	Payne Drive	
B134	Lynne Drive	
B135	Lynne Drive	
B136	Lynne Drive	
B137	Lynne Drive	
B138	Lynne Drive	
B139	Lynne Drive	
B140	Lynne Drive	
B141	Lynne Drive	
B142	Cog Hill Way	
B143	Cog Hill Way	
B144	Cog Hill Way	
B145	Cog Hill Way	
B146	Chestnut Valley	
B147	PPL	Discharge to Stream
B148	PPL	Discharge to Stream
B149	PPL	Discharge to Stream
B150	PPL	
B151	PPL	
B152	Riverview Drive	Discharge to Stream
B153	Asbury Pines	
B154	Asbury Pines	
B155	North Burberry Lane	
B156	North Burberry Lane	
B157	North Burberry Lane	
B158	North Burberry Lane	
B159	North Burberry Lane	
B160	North Burberry Lane	
B161	North Burberry Lane	
B162	North Burberry Lane	
B163	North Burberry Lane	
B164	North Burberry Lane	
B165	North Burberry Lane	
B166	North Burberry Lane	
B167	Abbey Drive	
B168	Abbey Drive	
B169	Abbey Drive	
B170	Abbey Drive	
B171	Abbey Drive	
B172	Abbey Drive	
B173	Abbey Drive	
B174	Abbey Drive	
B175	Abbey Drive	

B176	Abbey Drive	
B177	Abbey Drive	
B178	Riverview Drive (Outfall 003)	Outfall 003
B179	Riverview Drive	
B180	Riverview Drive (Outfall 002)	Outfall 002
B181	Coventry Cross Road	
B182	Coventry Cross Road	
B183	Coventry Cross Road	
B184	Coventry Cross Road	
B185	Coventry Cross Road	
B186	Coventry Cross Road	
B187	Coventry Cross Road	
B188	Coventry Cross Road	
B189	Coventry Cross Road	
B190	Coventry Cross Road	
B191	Asbury Court	
B192	Asbury Court	
B193	Asbury Court	
B194	Asbury Court	
B195	Asbury Court	
B196	Asbury Court	
B197	Riverview Drive	
B198	Riverview Drive	Discharge to Stream
B199	Riverview Drive	
B200	Riverview Drive	Discharge to Stream
B201	Asbury Pointe	
B202	Abbey Drive	
B203	Abbey Drive	
B204	Abbey Drive	
B205	Abbey Drive	
B206	Devonshire Court	
B207	Devonshire Court	
B208	Devonshire Court	
B209	Devonshire Court	
B210	Bartlett Drive	
B211	Bartlett Drive	
B212	Bartlett Drive	
B213	Bartlett Drive	
B214	Bartlett Drive	
B215	Bartlett Drive	
B216	Bartlett Drive	
B217	Bartlett Drive	
B218	Bartlett Drive	
B219	Orchard Bus. Park	
B220	Orchard Bus. Park	
B221	Orchard Bus. Park	
B222	Orchard Bus. Park	



B223	Orchard Bus. Park
B224	Orchard Bus. Park
B225	Orchard Bus. Park
B226	Orchard Bus. Park
B227	Orchard Bus. Park
B228	Orchard Bus. Park
B229	Orchard Bus. Park
B230	Orchard Bus. Park
B231	Orchard Bus. Park
B232	Orchard Bus. Park
B233	Orchard Bus. Park
B234	Orchard Bus. Park
B235	Orchard Bus. Park
B236	Orchard Bus. Park
B237	Orchard Bus. Park
B238	Orchard Bus. Park
B239	Orchard Bus. Park
B240	Orchard Bus. Park
B241	Orchard Bus. Park
B242	Orchard Bus. Park
B243	Orchard Bus. Park
B244	Orchard Bus. Park
B245	Orchard Bus. Park
B246	Orchard Bus. Park
B247	Orchard Bus. Park
B248	Orchard Bus. Park
B249	Orchard Bus. Park
B250	Orchard Bus. Park
B251	Orchard Bus. Park
B252	Orchard Bus. Park
B253	Orchard Bus. Park
B254	Orchard Bus. Park
B255	Orchard Bus. Park
B256	Orchard Bus. Park
B257	Orchard Bus. Park
B258	Orchard Bus. Park
B259	Orchard Bus. Park
B260	Fig Tree Way
B261	Fig Tree Way
B262	Fig Tree Way
B263	Fig Tree Way
B264	Fig Tree Way
B265	Fig Tree Way
B266	Orchard View
B267	Crabapple Court
B268	Crabapple Court
B269	Crabapple Court

B270	Fig Tree Way
B271	Fig Tree Way
B272	Fig Tree Way
B273	Fig Tree Way
B274	Fig Tree Way
B275	Fig Tree Way
B276	Fig Tree Way
B277	Fig Tree Way
B278	Fig Tree Way
B279	Beechwood Drive
B280	Beechwood Drive
B281	Beechwood Drive
B282	Canal Road (State)
B283	Canal Road (State)
B284	Canal Road (State)
B285	Canal Road (State)
B286	Canal Road (State)
B287	Canal Road (State)
B288	Canal Road (State)
B289	Canal Road (State)
B290	Espresso Way
B291	Espresso Way
B292	Espresso Way
B293	Espresso Way
B294	Espresso Way
B295	Canal Road (State)
B296	Canal Road (State)
B297	Canal Road (State)
B298	Canal Road (State)
B299	Espresso Way
B300	Espresso Way
B301	Espresso Way
B302	Espresso Way
B303	Espresso Way
B304	Basin outlet (private)
B305	Espresso Way
B306	Espresso Way
B307	Espresso Way
B308	Espresso Way
B309	Espresso Way
B310	Espresso Way
B311	Espresso Way
B312	Espresso Way
B313	Basin outlet (private)
B314	Basin outlet (private)
B315	Basin outlet (private)
B316	Orchard Bus. Park (Private)

B317	Orchard Bus. Park (Private)
B318	Orchard Bus. Park (Private)
B319	Orchard Bus. Park (Private)
B320	Orchard Bus. Park (Private)
B321	Orchard Bus. Park (Private)
B322	Orchard Bus. Park (Private)
B323	Orchard Bus. Park (Private)
B324	Orchard Bus. Park (Private)
B325	Orchard Bus. Park (Private)
B326	Orchard Bus. Park (Private)
B327	Orchard Bus. Park (Private)
B328	Orchard Bus. Park (Private)
B329	Orchard Bus. Park (Private)
B330	Orchard Bus. Park (Private)
B331	Orchard Bus. Park (Private)
B332	Orchard Bus. Park (Private)
B333	Orchard Bus. Park (Private)
B334	Orchard Bus. Park (Private)
B335	Orchard Bus. Park (Private)
B336	Orchard Bus. Park (Private)
B337	Orchard Bus. Park (Private)
B338	Orchard Bus. Park (Private)
B339	Orchard Bus. Park (Private)
B340	Orchard Bus. Park (Private)
B341	Orchard Bus. Park (Private)
B342	Orchard Bus. Park (Private)
B343	Orchard Bus. Park (Private)
B344	Orchard Bus. Park (Private)
B345	Orchard Bus. Park (Private)
B346	Orchard Bus. Park (Private)
B347	Orchard Bus. Park (Private)
B348	Orchard Bus. Park (Private)
B349	Orchard Bus. Park (Private)
B350	Orchard Bus. Park (Private)
B351	Orchard Bus. Park (Private)
B352	Orchard Bus. Park (Private)
B353	Basin outlet (private)
B354	Basin outlet (private)
B355	Canal Road (State)
B356	Canal Road (State)
B357	Codorus Furnace Road
B358	Codorus Furnace Road
B359	Dellinger Road Court
B360	Dellinger Road Court
B361	Dellinger Road Court
B362	Dellinger Road Court
B363	Dellinger Road Court

B364	Steamboat Blvd
B365	Steamboat Blvd
B366	Steamboat Blvd
B367	Steamboat Blvd
B368	Steamboat Blvd
B369	Steamboat Blvd
B370	Steamboat Blvd
B371	Steamboat Blvd
B372	Devco Drive
B373	Devco Drive
B374	Sunset Drive
B375	Sunset Drive
B376	Sunset Drive
B377	Sunset Drive
B378	Sunset Drive
B379	N. George Street Ext'd
B380	N. George Street Ext'd
B381	N. George Street Ext'd
B382	N. George Street Ext'd
B383	N. George Street Ext'd
B384	N. George Street Ext'd
B385	N. George Street Ext'd
B386	N. George Street Ext'd
B387	Rosedale Drive
B388	Forge Hill Road
B389	Forge Hill Road
B390	Forge Hill Road
B391	Forge Hill Road
B392	Forge Hill Road
B393	Dogwood Lane
B394	Dogwood Lane
B395	Dogwood Lane
B396	Dogwood Lane
B397	Dogwood Lane
B398	Dogwood Lane
B399	Boxwood Road
B400	Boxwood Road
B401	Boxwood Road
B402	Poplar Street
B403	Spruce Ct
B404	Poplar Street
B405	Poplar Street
B406	Poplar Street
B407	Poplar Street
B408	Dogwood Ct
B409	Dogwood Ct
B410	Dogwood Ct

B411	Quigley Motor
B412	Quigley Motor
B413	Quigley Motor
B414	Quigley Motor
B415	Quigley Motor
B416	Quigley Motor
B417	Steamboat Blvd
B418	Steamboat Blvd
B419	Steamboat Blvd
B420	Steamboat Blvd
B421	Steamboat Blvd
B422	Steamboat Blvd
B423	Steamboat Blvd
B424	Steamboat Blvd
B425	Steamboat Blvd
B426	N. George Street Ext'd
B427	N. George Street Ext'd
B428	N. George Street Ext'd
B429	Zions View Road
B430	Zions View Road
B431	Zions View Road
B432	Zions View Road
B433	Zions View Road
B434	Zions View Road
B435	Canal Road
B436	Canal Road
B437	Canal Road
B438	Canal Road
B439	Canal Road
B440	Park Street
B441	Park Street
B442	Park Street
B443	Park Street
B444	Park Street
B445	Park Street
B446	Old School Lane
B447	Hill Street
B448	Big Conewago Road
B449	Big Conewago Road
B450	Big Conewago Road
B451	Creek Bottom Road
B452	Creek Bottom Road
B453	Creek Bottom Road
B454	N. George Street Ext'd
B455	N. George Street Ext'd
B456	N. George Street Ext'd
B457	N. George Street Ext'd

B458	Steffie Drive
B459	Steffie Drive
B460	Steffie Drive
B461	Steffie Drive
B462	Steffie Drive
B463	Lynne Drive
B464	Lynne Drive
B465	Lynne Drive
B466	Lynne Drive
B467	Steffie Drive
B468	Steffie Drive
B469	Steffie Drive
B470	Steffie Drive
B471	Becky Drive
B472	Becky Drive
B473	Becky Drive
B474	Chestnut Street
B475	Chestnut Street
B476	Chestnut Street
B477	Chestnut Street
B478	84 Zions View Road
B479	84 Zions View Road
B480	84 Zions View Road
B481	84 Zions View Road
B482	84 Zions View Road
B483	84 Zions View Road
B484	84 Zions View Road
B485	84 Zions View Road
B486	84 Zions View Road
B487	84 Zions View Road
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B583	84 Zions View Road
B584	84 Zions View Road
B585	84 Zions View Road
B586	84 Zions View Road
B587	84 Zions View Road
B588	84 Zions View Road
B589	84 Zions View Road
B590	Espresso Way
B591	JCI Way
B592	JCI Way
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B614	JCI Way
B615	JCI Way
B616	JCI Way
B617	JCI Way
B618	JCI Way
B619	JCI Way
B620	JCI Way
B621	JCI Way
B622	JCI Way
B623	Willow Springs Way
B624	Willow Springs Way
B625	Willow Springs Way
B626	Willow Springs Way

Structure #	Map #	Type	Location	Comments
H001		BMP #		
H002		BMP #		
H003		Outfall 024		Outfall 024
H004		BMP #		Discharge to Stream
H005		Orchard Bus. Park		Discharge to Stream
H006		Orchard Bus. Park		
H007		Orchard Bus. Park		
H008		Orchard Bus. Park		
H009		Orchard Bus. Park (Starbucks Basin)		
H010		Orchard Bus. Park (Starbucks Basin)		
H011		Orchard Bus. Park (Starbucks Basin)		
H012		Orchard Bus. Park (Starbucks Basin Outlet)		Discharge to Stream
H013		Wet Basin BMP #		Discharge to Stream
H014		Orchard Bus. Park		
H015		Orchard Bus. Park		Discharge to Stream
H016		Orchard Bus. Park		Discharge to Stream
H017		Orchard Bus. Park		
H018		Willow Springs Lane		
H019		Willow Springs Industrial		
H020		Willow Springs Industrial		
H021		Willow Springs Industrial		
H022		Willow Springs Industrial		
H023		Willow Springs Industrial		
H024		Willow Springs Industrial		
H025		Willow Springs Industrial		
H026		Willow Springs Industrial		Discharge to Channel
H027		Willow Springs Industrial		Discharge to Stream
H028		Willow Springs Industrial		
H029		Willow Springs Lane		
H030		GSK Private		
H031		Green Ridge		
H032		Green Ridge		
H033		Green Ridge		discharge to stream
H034		Greenfield		
H035		Hickory Drive		
H036		Hickory Drive		discharge to stream
H037		Ivy Drive		
H038		Ivy Drive		discharge to stream
H039		Starview Road		discharge to stream
H040		Starview Road		
H041		Starview Road		discharge to stream
H042		Mundis Race Road		
H043		Mundis Race Road		discharge to stream
H044		Mundis Race Road		Discharge to Stream
H045		Mundis Race Road		
H046		Dellinger Road		

H047	Dellinger Road	
H048	Dellinger Road	
H049	Dellinger Road	
H050	Dellinger Road	
H051	Dellinger Road	
H052	Dellinger Road	
H053	Dellinger Road	
H054	Dellinger Road	
H055	Dellinger Road	
H056	Mundis Race Road	discharge to stream
H057	Dellinger Road	
H058	Dellinger Road	
H059	Mundis Race Road	discharge to stream
H060	Apple Tree Lane	
H061	Apple Tree Lane	
H062	N. Sherman Street Ext'd	Discharge to Stream
H063	Starview Road	
H064	Starview Road	discharge to stream
H065	Starview Road	
H066	Starview Road	
H067	Starview Road	discharge to stream
H068	Starview Road	
H069	Starview Road	
H070	Starview Road	discharge to stream
H071	Starview Road	
H072	Starview Road	discharge to stream
H073	Starview Road	
H074	Starview Road	discharge to stream
H075	Starview Road	discharge to stream
H076	Starview Road	
H077	Starview Road	discharge to stream
H078	East Manchester Village Center	
H079	East Manchester Village Center	
H080	East Manchester Village Center	
H081	East Manchester Village Center	
H082	East Manchester Village Center	
H083	East Manchester Village Center	
H084	East Manchester Village Center	
H085	East Manchester Village Center	
H086	East Manchester Village Center	
H087	Rite Aid	
H088	Rite Aid	
H089	Rite Aid	
H090	Rite Aid	Discharge to Stream
H091	Dauberton	
H092	N. George Street Ext'd	
H093	N. George Street Ext'd (Outfall 006)	Outfall 006

H094	Rentzel Farms	Discharge to Stream
H095	Rentzel Farms	
H096	Rentzel Farms	
H097	N. George Street Ext'd	Discharge to Stream
H098	N. George Street Ext'd	Discharge to Stream
H099	Rentzel Farms	
H100	Rentzel Farms	
H101	Rentzel Farms	
H102	Rentzel Farms	
H103	Rentzel Farms	
H104	Rentzel Farms	
H105	Rentzel Farms	
H106	Rentzel Farms	
H107	Northeastern School	
H108	Northeastern School	Discharge to Stream
H109	Northeastern School	Discharge to Stream
H110	Dauberton	
H111	Dauberton	Discharge to Stream
H112	Dauberton	Discharge to Stream
H113	Dauberton	Discharge to Stream
H114	N. E. School District	
H115	Board Road	
H116	Board Road	
H117	Board Road	
H118	Chestnut Valley	
H119	Chestnut Valley	
H120	Chestnut Valley	Discharge to Stream
H121	Northern Heights	
H122	Northern Heights	
H123	Northern Heights	
H124	Northern Heights	
H125	Northern Heights	
H126	Northern Heights	
H127	Northern Heights	
H128	Northern Heights	
H129	Northern Heights	
H130	Northern Heights	
H131	Northern Heights	
H132	Northern Heights	
H133	N. Sherman Street Ext'd	
H134	Poplar Estates	
H135	Poplar Estates	
H136	Poplar Estates	
H137	Starview Road	
H138	Starview Road	
H139	Starview Road	
H140	Starview Road	

H141	Saginaw Road	
H142	Saginaw Road	Discharge to Stream
H143	Hillview Drive	
H144	Hillview Drive	Discharge to Stream
H145	Hillview Drive	Discharge to Stream
H146	Jerusalem School Road	
H147	Jerusalem School Road	
H148	Jerusalem School Road	Discharge to stream
H149	Jerusalem School Road (Outfall 012)	Outfall 012
H150	Asbury Pointe	
H151	Asbury Pointe	
H152	Asbury Pointe	
H153	Asbury Pointe	
H154	Jerusalem School Road	
H155	Jerusalem School Road	Discharge to Stream
H156	Riverview Drive	
H157	Long Road	Discharge to Stream
H158	Locust Street	
H159	Locust Street	Discharge to Stream
H160	Saginaw Village	
H161	York Street	Discharge to Stream
H162	Second Street	Discharge to Stream
H163	Second Street (Outfall 009)	Outfall 009
H164	Second Street	Discharge to Stream
H165	Gut Road	
H166	Gut Road	Discharge to Stream
H167	Gravel Hill Road (Outfall 020)	Outfall 020
H168	Gut Road	
H169	Gut Road	Discharge to Stream
H170	Wago Road	Discharge to Stream
H171	Gravel Hill Road	
H172	Wago Road	Discharge to Stream
H173	Wago Road	Discharge to Stream
H174	Gut Road	
H175	Gut Road	Discharge to Stream
H176	Gut Road	Discharge to Stream
H177	Board Road	
H178	Board Road	
H179	Board Road	
H180	Board Road	
H181	Board Road	
H182	Board Road	
H183	Chestnut Valley	
H184	Chestnut Valley	
H185	Chestnut Valley	
H186	Cog Hill Way	
H187	Cog Hill Way	

H188	Chestnut Valley	
H189	Chestnut Valley	
H190	Riviera Street	
H191	Riviera Street	
H192	Chestnut Valley	
H193	Chestnut Valley	
H194	Chestnut Valley	Discharge to Stream
H195	Chestnut Valley	
H196	Chestnut Valley	
H197	Railroad Crossing	Discharge to Stream
H198	Railroad Crossing	Discharge to Stream
H199	Riverview Drive	Discharge to Stream
H200	Asbury Pines	
H201	Asbury Pines	
H202	Asbury Pines	
H203	Asbury Pines	
H204	Riverview Drive	
H205	Asbury Pointe	
H206	Asbury Pointe	
H207	Orchard Bus. Park	
H208	Orchard Bus. Park	
H209	Orchard Bus. Park	Discharge to Stream
H210	Orchard Bus. Park	
H211	Orchard Bus. Park	
H212	Orchard View	
H213	Orchard View	Discharge to Stream
H214	Orchard View	
H215	Orchard View	
H216	Canal Road (State)	
H217	Canal Road (State)	
H218	Canal Road (State)	
H219	Orchard Business Park	
H220	Orchard Business Park	
H221	Orchard Business Park	
H222	Orchard Business Park	
H223	Orchard Business Park	
H224	Orchard Business Park	
H225	Orchard Business Park	
H226	Orchard Business Park	
H227	Orchard Business Park	
H228	Orchard Business Park	
H229	Orchard Business Park	
H230	Orchard Business Park	
H231	Canal Road (State)	
H232	Codorus Furnace Road	
H233	Codorus Furnace Road	Discharge to Stream
H234	Dellinger Road Court	

H235	Steamboat Blvd
H236	Steamboat Blvd
H237	Sunset Drive
H238	N. George Street Ext'd
H239	Forge Hill Road
H240	Forge Hill Road
H241	Quigley Motor
H242	Quigley Motor
H243	Manchester Street
H244	Big Conewago Road
H245	Chestnut Street
H246	84 Zions View Road
H247	84 Zions View Road
H248	84 Zions View Road
H249	84 Zions View Road
H250	84 Zions View Road
H251	84 Zions View Road
H252	84 Zions View Road
H253	84 Zions View Road
H254	84 Zions View Road
H255	84 Zions View Road
H256	84 Zions View Road
H257	Espresso Way
H258	Espresso Way
H259	Gea Drive
H260	Gea Drive
H261	Gea Drive
H263	Gea Drive
H264	Gea Drive
H265	Willow Springs Way
H266	Willow Springs Way

Structure #	Map #	Type	Location	Comments
X001			Jerusalem School Road	discharge to stream
X002			Brickyard Road	discharge to stream
X003			Board Road	
X004			Zions View Road	Discharge to Stream
X005			Gross Farm	Discharge to stream
X006			Gross Farm	Discharge to stream
X007			Gross Farm (Outfall 023)	Discharge to stream - Outfall 023
X008			Canal Road (Outfall 005)	Outfall 005
X009			Canal Road	
X010			Outfall 022	Outfall 022
X011			Wago Road	Discharge to Stream
X012			Long Road	
X013			Long Road	
X014			Long Road	
X015			Long Road	
X016			Long Road	
X017			Long Road	discharge to stream
X018			N. Sherman Street Ext'd	discharge to stream
X019			Blossom Drive	discharge to stream
X020			Blossom Drive	
X021			Blossom Drive	discharge to stream
X022			Blossom Drive	discharge to stream
X023			Blossom Drive	discharge to stream
X024			Codorus Furnace Road	
X025			Codorus Furnace Road	Discharge to Stream
X026			Codorus Furnace Road (Outfall 015)	Outfall 015
X027			Jerusalem School Road	discharge to stream
X028			Jerusalem School Road	discharge to stream
X029			Jerusalem School Road	discharge to stream
X030			Jerusalem School Road (Outfall 014)	Outfall 014
X031			Hillview Drive	discharge to stream
X032			Jerusalem School Road	
X033			Don Rene Road	discharge to stream
X034			Don Rene Road (Outfall 013)	Outfall 013
X035			Codorus Furnace Road	discharge to stream
X036			Codorus Furnace Road	discharge to stream
X037			Mt. Hebron Road	discharge to stream
X038			Long Road (Outfall 008)	Outfall 008
X039			Saginaw & Long Roads	Discharge to Stream
X040			Gravel Hill Road	
X041			Gut Road	Discharge to Stream
X042			Gut Road	Discharge to Stream
X043			Gut Road	Discharge to Stream
X044			Gut Road	Discharge to Stream
X045			Gut Road	Discharge to Stream
X046			Gut Road	Discharge to Stream



X047	Gut Road	Discharge to Stream
X048	Wago Road	Discharge to Stream
X049	Wago Road	Discharge to Stream
X050	Wago Road	discharge to stream
X051	Wago Road	discharge to stream
X052	Wago Road	discharge to stream
X053	Wago Road	Discharge to Stream
X054	Wago Road	Discharge to Stream
X055	Wago Road	discharge to Stream
X056	Wago Road	Discharge to Stream
X057	Wago Road	Discharge to Stream
X058	Wago Road	Discharge to Stream
X059	Wago Road	Discharge to Stream
X060	Wago Road	Discharge to Stream
X061	Wago Road	Discharge to Stream
X062	Wago Road	Discharge to Stream
X063	Wago Road	Discharge to Stream
X064	Wago Road	Discharge to Stream
X065	Gut Road	Discharge to Stream
X066	Gut Road	Discharge to Stream
X067	Gut Road	Discharge to Stream
X068	Gut Road	Discharge to Stream
X069	Gut Road	Discharge to Stream
X070	Gut Road	Discharge to Stream
X071	Gut Road	Discharge to Stream
X072	Gut Road	Discharge to Stream
X073	Gut Road	Discharge to Stream
X074	Board Road	
X075	Royal Manchester	Discharge to Stream
X076	Royal Manchester	
X077	Royal Manchester (Outfall 001)	Outfall 001
X078	Codorus Furnace Road	
X079	Codorus Furnace Road	
X080	Canal Road	
X081	Manchester Street	
X082	Conewago Creek Road	
X083	Park Street	
X084	Big Conewago Road	
X085	Big Conewago Road	
X086	Park Street	
X087	Big Conewago Road	
X088	Big Conewago Road	
X089	Big Conewago Road	
X090	Big Conewago Road	
X091	Big Conewago Road	
X092	84 Zions View Road	



<b>2020 - TOWNSHIP</b>
<b>East Manchester Municipal Leaf Collection Log</b>

*Instructions: Please use a separate log sheet for each truck*

TRUCK # 3				
	DATE	WET/DRY	% FILLED	TOTAL CUBIC YDS
1	11/2/20	WET	90%	9
2	11/2/20	WET	80%	8
3	11/3/20	WET	60%	6
4	11/3/20	WET	80%	8
5	11/4/20	WET	50%	5
6	11/4/20	WET	60%	6
7	11/9/20	DRY	60%	6
8	11/10/20	WET	60%	6
9	11/10/20	DRY	60%	6
10	11/10/20	DRY	60%	6
11	11/11/20	WET	60%	6
12	11/12/20	WET	100%	10
13	11/12/20	WET	100%	10
14	11/16/20	WET	100%	10
15	11/16/20	WET	60%	6
16	11/17/20	WET	60%	6
17	11/17/20	WET	60%	6
18	11/18/20	WET	80%	8
19				
20				
21				
22				
23				
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27				
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30				
	TOTAL			128

# 2020 - TOWNSHIP

## East Manchester Municipal Leaf Collection Log

*Instructions: Please use a separate log sheet for each truck*

### TRUCK # 12

	DATE	WET/DRY	% FILLED	TOTAL CUBIC YDS
1	11/2/20	WET	100%	18
2	11/2/20	WET	100%	18
3	11/3/20	DRY	100%	18
4	11/3/20	WET	100%	18
5	11/4/20	DRY	100%	18
6	11/4/20	DRY	100%	18
7	11/4/20	DRY	100%	18
8	11/5/20	DRY	100%	18
9	11/5/20	DRY	100%	18
10	11/9/20	DRY	100%	18
11	11/9/20	DRY	100%	18
12	11/10/20	DRY	100%	18
13	11/10/20	DRY	100%	18
14	11/10/20	DRY	90%	16.2
15	11/11/20	DRY	100%	18
16	1/12/20	WET	100%	18
17	11/13/20	WET	100%	18
18	11/13/20	WET	100%	18
19	11/16/20	DRY	100%	18
20	11/16/20	DRY	100%	18
21	11/17/20	DRY	100%	18
22	11/17/20	DRY	100%	18
23	11/17/20	DRY	70%	12.6
24	11/18/20	DRY	100%	18
25	11/18/20	DRY	60%	10.8
26	11/23/20	DRY	100%	18
27	11/23/20	DRY	100%	18
28	11/24/20	DRY	100%	18
29	11/24/20	DRY	100%	18
30	11/24/20	DRY	100%	18
TOTAL				525.6

<b>2020 - TOWNSHIP</b>
<b>East Manchester Municipal Leaf Collection Log</b>

*Instructions: Please use a separate log sheet for each truck*

TRUCK # 12				
	DATE	WET/DRY	% FILLED	TOTAL CUBIC YDS
1	11/25/20	DRY	100%	18
2	11/25/20	DRY	75%	13.5
3	12/1/20	WET	100%	18
4	12/1/20	WET	100%	18
5	12/2/20	DRY	60%	10.8
6	12/2/20	DRY	40%	7.2
7	12/7/20	DRY	100%	18
8	12/7/20	DRY	80%	14.4
9	12/8/20	DRY	50%	9
10	12/10/20	DRY	15%	2.8
11	12/14/20	WET	25%	4.5
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
	TOTAL			134.2
	GRAND TOTAL			659.8

**2020 - TOWNSHIP****East Manchester Municipal Leaf Collection Log***Instructions: Please use a separate log sheet for each truck***TRUCK # 12**

	DATE	WET/DRY	% FILLED	TOTAL CUBIC YDS
1	11/2/20	WET	100%	18
2	11/2/20	WET	100%	18
3	11/3/20	DRY	100%	18
4	11/3/20	WET	100%	18
5	11/4/20	DRY	100%	18
6	11/4/20	DRY	100%	18
7	11/4/20	DRY	100%	18
8	11/5/20	DRY	100%	18
9	11/5/20	DRY	100%	18
10	11/9/20	DRY	100%	18
11	11/9/20	DRY	100%	18
12	11/10/20	DRY	100%	18
13	11/10/20	DRY	100%	18
14	11/10/20	DRY	90%	16.2
15	11/11/20	DRY	100%	18
16	1/12/20	WET	100%	18
17	11/13/20	WET	100%	18
18	11/13/20	WET	100%	18
19	11/16/20	DRY	100%	18
20	11/16/20	DRY	100%	18
21	11/17/20	DRY	100%	18
22	11/17/20	DRY	100%	18
23	11/17/20	DRY	70%	12.6
24	11/18/20	DRY	100%	18
25	11/18/20	DRY	60%	10.8
26	11/23/20	DRY	100%	18
27	11/23/20	DRY	100%	18
28	11/24/20	DRY	100%	18
29	11/24/20	DRY	100%	18
30	11/24/20	DRY	100%	18
TOTAL				525.6

<b>2020 - TOWNSHIP</b>
<b>East Manchester Municipal Leaf Collection Log</b>

*Instructions: Please use a separate log sheet for each truck*

TRUCK # 12				
	DATE	WET/DRY	% FILLED	TOTAL CUBIC YDS
1	11/25/20	DRY	100%	18
2	11/25/20	DRY	75%	13.5
3	12/1/20	WET	100%	18
4	12/1/20	WET	100%	18
5	12/2/20	DRY	60%	10.8
6	12/2/20	DRY	40%	7.2
7	12/7/20	DRY	100%	18
8	12/7/20	DRY	80%	14.4
9	12/8/20	DRY	50%	9
10	12/10/20	DRY	15%	2.8
11	12/14/20	WET	25%	4.5
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
	TOTAL			134.2
	GRAND TOTAL			659.8

**2020 - TOWNSHIP****East Manchester Municipal Leaf Collection Log***Instructions: Please use a separate log sheet for each truck***TRUCK # 3**

	DATE	WET/DRY	% FILLED	TOTAL CUBIC YDS
1	11/2/20	WET	90%	9
2	11/2/20	WET	80%	8
3	11/3/20	WET	60%	6
4	1/3/20	WET	80%	8
5	11/4/20	WET	50%	5
6	11/4/20	WET	60%	6
7	11/9/20	DRY	60%	6
8	11/10/20	WET	60%	6
9	11/10/20	DRY	60%	6
10	11/10/20	DRY	60%	6
11	11/11/20	WET	60%	6
12	11/12/20	WET	100%	10
13	11/12/20	WET	100%	10
14	11/16/20	WET	100%	10
15	11/16/20	WET	60%	6
16	11/17/20	WET	60%	6
17	11/17/20	WET	60%	6
18	11/18/20	WET	80%	8
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
TOTAL				128



East Manchester Township  
MS4 Annual Meeting

Date: December 23, 2020

Please PRINT your name and address.

Byron Trout P.E.

Mark Shearer

Shane Haugh

Nate Heindle

Conner Slanker

Josh Feaser

Brittany Kohler

Phil McCurdy

Jen Cox



MS4'S STORMWATER MANAGEMENT PROTOCOL  
OPERATION AND MAINTENANCE PROGRAM  
POLLUTION PREVENTION / GOOD HOUSEKEEPING  
MINIMUM CONTROL MEASURE (MCM) #6  
EAST MANCHESTER TOWNSHIP, YORK COUNTY, PA

**Purpose:**

The proposed program helps to ensure a reduction in the amount and type of pollution collected on public work yards, streets, parking lots, storm sewer facilities, vehicle maintenance areas and parks, that is discharged into local waterways. Maintenance and management of environmentally damaging practices is crucial to the success of a stormwater management program and is the ultimate goal of East Manchester Township.

It is the goal of the Township to determine the Best Management Practices (BMPs) and measurable goals for this minimum control measure. Minimum goals shall include inspection and documentation of facilities under the control of the Township, employee training and public awareness.

Revised September 2020

O&M #1  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS

BMP #1 INVENTORY OF FACILITIES/ACTIVITIES AND  
BMP #2 O&M ACTIONS (SUMMARY)

Facility/Activity	Storm Sewer System Impact	Discharge To	O&M Responsibilities (Include Signage)	Attachment
Public Works Yard North		Hartman Run	Fluid Management, Stormwater, Fueling, Vehicle Wash Water, Cinder Piles, Material Storage	1
Public Works Yard South		Hartman Run	Oil/Chemical Management, Stormwater, Fueling, Vehicle Wash Water, Cinder Piles, Salt Storage, Material Storage	2
Streets		Hartman Run, Codorus Creek Main Branch, Conewago Creek, Musser Run, Little Conewago Creek, Susquehanna River	Sweeping, Stormwater, Snow Removal/Deicing	3
Buildings		Hartman Run	Snow Removal, Chemical Storage, Maintenance	4
Parks		Hartman Run	Stormwater, Maintenance, Trash Removal	5
Stormwater Conveyances		Hartman Run, Codorus Creek Main Branch, Conewago Creek, Musser Run, Little Conewago Creek, Susquehanna River	Cleaning, Maintenance	6
Vehicle Operation & Maintenance		Hartman Run	Fueling, General Maintenance & Repairs, Washing	7
Stormwater Basins & Infiltration Structures		Hartman Run	Maintenance, Dewatering, Trash Removal	8
Waste Transfer Operations	N/A Disposed of Outside of the Township		Leaf/Yard Debris Pick-Up	9
Right of Way Maintenance	Pipes, Inlets, Basins, Swales	Hartman Run, Codorus Creek Main Branch, Conewago Creek, Musser Run, Little Conewago Creek, Susquehanna River	Mowing, Weed Control	10

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #1: Public Works Yard North  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Signage for Each Activity	Quarterly	<ul style="list-style-type: none"> <li>• Make sure they are up and effective</li> </ul>	Keep a spare of all signs
Fluid Management	Daily	<ul style="list-style-type: none"> <li>• Store oil to minimize leaks and allow cleanup of any that occur</li> <li>• Work inside</li> <li>• Minimize use of solvents</li> <li>• Eliminate leaks in vehicles and equipment, use drip pans</li> <li>• Have a Spill Prevention Control and Countermeasure (SPCC) plan up to date. Stockpile of spill cleanup material in plain sight.</li> <li>• Recycle used oil. Temporarily store under cover. Designate a site to dispose of any fluids drained from vehicles.</li> <li>• Check oil separator (quarterly)</li> <li>• Have separate receptacles for greasy rags, oil filters, etc.</li> </ul>	Applies to oil, coolant, solvents and paints. Fuel is separate below.
Stormwater	Quarterly	<ul style="list-style-type: none"> <li>• Inspect stormwater infiltration structure</li> <li>• Inspect inlets, remove/dispose of material at the incinerator or store onsite until adequate amount may be hauled to the local landfill</li> </ul>	Check stormwater facilities after each rainfall greater than 3 inches.
Fueling	Daily	<ul style="list-style-type: none"> <li>• Limit fueling of vehicles to the North Public Works Yard "Diesel &amp; gas"</li> <li>• Spot-clean leaks and clean up using approved absorbent</li> <li>• Report leaking vehicles</li> <li>• Apply "Do Not Top Off Tank with Fuel" sign</li> <li>• Spot-clean leaks and clean up using approved absorbent</li> <li>• Report leaking vehicles</li> <li>• Label valves</li> <li>• Nozzles have an auto shutoff. Auto shutoff for severed hoses. Existing leak detection</li> <li>• Concrete fueling pad existing at tank area only.</li> </ul>	Pumps are locked and for municipal use only. Limit keys and those permitted to utilize the pumps.
Vehicle Wash Water	Daily	<ul style="list-style-type: none"> <li>• Wash inside the existing building which is tributary to the existing grease/oil separator</li> <li>• Take vehicles to commercial car washes</li> <li>• Allow no wash water to enter a storm sewer or stream</li> <li>• Convert to phosphate free biodegradable detergents</li> </ul>	
Cinder Piles	Weekly	<ul style="list-style-type: none"> <li>• Haul and store in dry weather</li> <li>• Sweep up spill around storage/loading areas</li> <li>• Maintain mulch berms and erosion controls downstream of pile</li> <li>• Test cinder piles</li> </ul>	
Material Storage	Weekly	<ul style="list-style-type: none"> <li>• Storage of hazardous materials shall be confined to the South Public Works Yard</li> <li>• Stored outside materials shall be limited to those that are not environmentally evasive, such as inlets, storm piping, cast iron structures and aggregate piles</li> <li>• Top soil piles shall be seeded and mulched when not in use and be located above existing mulch berms or erosion controls</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #2: Public Works Yard South  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Signage for Each Activity	Quarterly	<ul style="list-style-type: none"> <li>• Make sure they are up and effective</li> </ul>	Keep a spare of all signs
Fluid Management	Daily	<ul style="list-style-type: none"> <li>• Store oil to minimize leaks and allow cleanup of any that occur</li> <li>• Work inside</li> <li>• Minimize use of solvents</li> <li>• Eliminate leaks in vehicles and equipment, use drip pans</li> <li>• Have a Spill Prevention Control and Countermeasure (SPCC) plan up to date. Stockpile of spill cleanup material in plain sight.</li> <li>• Recycle used oil. Designate a site to dispose of any fluids drained from vehicles.</li> <li>• Have separate receptacles for greasy rags, oil filters, etc.</li> </ul>	Applies to oil, coolant, solvents and paints. Fuel is separate below.
Stormwater	Quarterly	<ul style="list-style-type: none"> <li>• Inspect stormwater infiltration structure</li> <li>• Inspect Stormwater basin and outfall</li> <li>• Inspect inlets, remove/dispose of material at the incinerator or store onsite until adequate amount may be hauled to the local landfill</li> </ul>	Check stormwater facilities after each rainfall greater than 3 inches.
Fueling	Daily	<ul style="list-style-type: none"> <li>• Limit fueling of vehicles to the North Public Works Yard "Diesel &amp; Gas Only"</li> <li>• Spot-clean leaks and clean up using approved absorbent</li> <li>• Report leaking vehicles</li> <li>• Concrete fueling pad existing at tank area only.</li> </ul>	
Vehicle Wash Water	Daily	<ul style="list-style-type: none"> <li>• Wash inside the existing building is not permitted and is limited to the North Public Works Yard</li> <li>• Take vehicles to commercial car washes</li> <li>• The non-functioning inlets inside the building should only be used as a secondary trap and cleaned as necessary</li> </ul>	
Salt/Cinder Piles	Weekly Seasonal	<ul style="list-style-type: none"> <li>• Haul and store in dry weather</li> <li>• Sweep up spill around storage/loading areas</li> <li>• Keep rain off stored salt</li> <li>• Calibrate spreaders</li> <li>• Test cinder piles</li> <li>• New Salt building constructed in 2020 including capture areas.</li> </ul>	
Material Storage	Weekly	<ul style="list-style-type: none"> <li>• Storage of hazardous materials shall be confined to the South Public Works Yard</li> <li>• Stored outside materials shall be confined to the North Public Works Yard</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #3: Streets  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Street Sweeping	Biannually	<ul style="list-style-type: none"> <li>• Notify residents of upcoming street sweeping activities.</li> <li>• Post "No Parking" signs for street sweeping.</li> <li>• Collect, document quantity and adequately dispose of the materials collected by street sweeping. Sweeping completed from April through December.</li> </ul>	Streets are often swept more than two times.
Storm inlets and piping	Inspect after each heavy rain, and maintenance activities	<ul style="list-style-type: none"> <li>• Haul cleanout stockpiled materials to the incinerator or landfill</li> <li>• Install and maintain labels on the storm structures and outfalls</li> </ul>	Labels should identify "No Dumping" and "Drains to the Bay or Stream"
Snow Removal & Deicing	As needed after each snowfall or icing event	<ul style="list-style-type: none"> <li>• Haul and store salt and cinders during dry weather</li> <li>• Calibrate equipment to limit the salt and cinder application based upon the storm type and the anticipated storm amount</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #4: Buildings  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Snow Removal	As needed	<ul style="list-style-type: none"> <li>• Manually remove all snow and ice from building walks limiting the amount of salt used for only extreme icing conditions.</li> </ul>	
Chemical Storage	Daily	<ul style="list-style-type: none"> <li>• Chemical storage shall be adequately stored and labeled.</li> <li>• Convert to phosphate free biodegradable detergents.</li> <li>• Illicit chemicals are not permitted to be stored within the general office area and shall be confined to the South Public Works Yard.</li> </ul>	
Maintenance	As needed	<ul style="list-style-type: none"> <li>• General repairs to the buildings shall be completed limiting earth disturbance and the use of illicit chemicals. All materials such as asphalt, roofing surfaces, carpet, tile, building materials and general waste shall be recycled where applicable or disposed of at the incinerator or landfill.</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #5: Parks  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Stormwater	As needed	<ul style="list-style-type: none"> <li>Haul cleanout materials to the incinerator or landfill.</li> <li>Install and maintain labels on the storm structures and outfalls</li> </ul>	Labels should identify "No Dumping" and "Drains to the Bay or Stream"
Maintenance	As needed	<ul style="list-style-type: none"> <li>The grounds of Saginaw and Dauberton parks shall be inspected weekly to identify any problems with erosion, illicit discharges, or general damage to the parks.</li> <li>During the months of April through October, porta-johns are provided in the park. Porta-johns shall be anchored to prevent tipping and shall be adequately cleaned on a weekly basis and as needed.</li> <li>General mowing of the parks shall meet the East Manchester Township Zoning Ordinance. Mowing shall be completed with a mulch style mower or the clippings should be bagged and disposed of at the landfill.</li> </ul>	
Trash	Daily	<ul style="list-style-type: none"> <li>Provide trash receptacles at Saginaw and Dauberton parks. Trash shall be emptied from the receptacles Monday through Friday and disposed of at the incinerator.</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #6: Stormwater Conveyance  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Cleaning	As needed	<ul style="list-style-type: none"> <li>Haul cleanout materials to the stockpile, incinerator or landfill</li> <li>Install and maintain labels on the storm structures and outfalls</li> <li>During any street improvement project, the stormwater conveyance system shall be inspected and cleaned</li> </ul>	
Maintenance	As needed	<ul style="list-style-type: none"> <li>Dilapidated stormwater conveyance systems shall be repaired or replaced as needed. The earth adjacent to the repair or replacement shall also be stabilized.</li> <li>Materials removed from the ground shall be recycled or hauled to the land fill pending on the material</li> <li>Stormwater conveyance systems shall be monitored for illicit discharges and erosion to receiving waterways</li> </ul>	



O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #7: Vehicle Operation and Maintenance  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Fueling	As needed	<ul style="list-style-type: none"> <li>• Limit fueling of vehicles to the South Public Works Yard</li> <li>• Apply "Do Not Top Off Tank with Fuel" signs</li> <li>• Spot-clean leaks and clean up using approved absorbent</li> <li>• Report leaking vehicles</li> <li>• Non diesel vehicles fueled offsite</li> </ul>	
General Maintenance and Repairs	As Needed	<ul style="list-style-type: none"> <li>• Store oil to minimize leaks and allow cleanup of any that occur</li> <li>• Work inside South Public Works Yard</li> <li>• Minimize use of solvents</li> <li>• Eliminate leaks in vehicles and equipment; use drip pans</li> <li>• Have a Spill Prevention Control and Countermeasure (SPCC) plan up to date. Stockpile of spill cleanup material in plain sight.</li> <li>• Recycle used oil. Temporarily store under cover. Designate a site to dispose of any fluids drained from vehicles.</li> <li>• Have separate receptacles for greasy rags, oil filters, etc. Stormwater conveyance systems shall be monitored for illicit discharges and erosion to receiving waterways.</li> <li>• Oil changes for vehicles are completed off-site at a recognizable approved mechanic. All fluids are disposed of by the off-site mechanic.</li> <li>• General repairs such as welding, hoses and hydraulic lines are completed in the South Public Works Yard. Spills are adequately cleaned, documented and disposed of in an approved location.</li> </ul>	
Washing	As Needed	<ul style="list-style-type: none"> <li>• Washing of vehicles is only permitted at the North Public Works Yard</li> <li>• Take vehicles to commercial car washes</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #8: Stormwater Basins & Infiltration Structures  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Maintenance	Weekly	<ul style="list-style-type: none"> <li>• Municipal owned basins are located at Dauberton Park</li> <li>• Top of bank and outside side slopes are mowed weekly. Inside side slopes and basin bottoms are mowed annually.</li> <li>• Basins are inspected annually by the Township Engineer and required repairs documented</li> <li>• Large trees are kept free of the basin bottom and fill slopes</li> <li>• The outlet structures are kept free and clear of debris and trash while the outfall is stable. Fence around the perimeter is maintained to prevent unwanted access.</li> <li>• Bare earth or eroded areas are filled, stabilized, seeded and mulched</li> <li>• Municipal owned infiltration structures are located at the North and South Public Works yards. Each is annually inspected. The inlet at the South yard is inspected weekly because of its proximity to the ash pile.</li> </ul>	Basins shall be inspected after each significant rainfall event greater than 3 inches.
Dewatering	As Needed	<ul style="list-style-type: none"> <li>• Basin outlet structures are maintained in working order</li> <li>• Basins are accessible within a 72 hour period after a significant storm event</li> </ul>	
Trash Removal	As Needed	<ul style="list-style-type: none"> <li>• Basins are visually inspected with the park inspection (Attachment #5). Trash is removed from the basin to prevent blockage of the outlet structures.</li> <li>• Trash removed from the basins is disposed of at the incinerator</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #9: Transfer Operation  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Leaf/Yard Debris Pickup	Seasonal	<ul style="list-style-type: none"> <li>• Municipal leaf pickup begins the last Monday in October and continues through the first Friday in December; weather permitting</li> <li>• Leaves are collected and conveyed to the Sand Bank Recycling center where they are used for compost material and BMP soil mixture</li> <li>• Excess leaves are hauled to the incinerator</li> </ul>	Recommend that the leaves be used as compost for landscaping and gardening.
Waste Collection	Weekly	<ul style="list-style-type: none"> <li>• Waste pickup is provided through a contracted agent (Penn Waste)</li> </ul>	Grass clippings, stumps, dirt and stones are not considered to be yard waste and shall not be picked up by Penn Waste.
Recyclables	Weekly	<ul style="list-style-type: none"> <li>• Recyclable pickup is provided through a contracted agent (Penn Waste)</li> </ul>	

O&M #2  
MCM #6 POLLUTION PREVENTION / GOOD HOUSEKEEPING  
FOR MUNICIPAL OPERATIONS  
BMP #2 O&M ACTIONS (DETAIL)

Attachment #10: Right-of-Way Maintenance  
(Contact: Shane Haugh, Public Works Director)

Responsibility	When and How Often	Actions	Additional Considerations
Mowing and weed control	Seasonal	<ul style="list-style-type: none"> <li>• Mowing is completed along Township-owned and maintained streets</li> <li>• Mowing is completed by utilizing a "Tiger Mower"</li> <li>• Larger trees within right-of-way are hauled away from site and disposed at the incinerator</li> </ul>	

\* Each new employee shall be trained on these procedures.

\*\* This O&M Plan shall be reviewed annually for possible improvements.

Shane Haugh – Public Works Director 9/28/20



East Manchester Township Field Screening  
Outfall Investigation Program

**Section 1: Background Data**

Subwatershed:		Outfall ID:	
Date:		Time (Military):	
Investigators:		Form completed by:	
Air Temperature (F):			
Rain Fall (in): Last 24 hrs:		Last 48 hrs:	Last 72 hrs:
Camera:		Photo Taken?	
Land Use in Drainage: (Circle all that apply)			
Ultra-urban	Open Space	Residential	Industrial
suburban	Institutional	Commercial	Other
Location (narrative description):			

**Section 2: Outfall Description**

Location	Material	Shape	Dimensions (in)	Submerged
Closed Pipe	RCP	CMP	Diameter/other:	in Water
	PVC	HDPE		NO
	Steel	circular		Partially
	Other	elliptical		Fully
		box		w/ Sediment
		other		NO
				Partially
				Fully
Open Drainage	Concrete	trapezoid	depth top width bottom width	
	Earthen	parabolic		
	Rip-rap	other		
	Other			
In-Stream	(applicable when collecting samples)			
Flow Present?	Yes	NO	If NO, Skip to Section 5	
Flow Description	Trickle	Moderate	Substantial	

**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	Circle if Present	Description	Comments
Outfall Damage (Structural Condition)	Yes / No	Spalling, cracking or chipping Peeling Paint Corrosion Other	
Deposits/Stains	Yes / No	Oily Paint Sediments/grit	Flow line Other
Vegetation Condition	Yes / No	None Normal	Excessive Growth Inhibited Growth
Poor Pool Quality	Yes / No	Odor Suds Colors	Floatables Oily Sheen Other
Pipe Benthic Growth	Yes / No	Brown Orange	Green Other
Biological	Yes / No	Mosquito Larvae	Bacteria/Algae

East Manchester Township Field Screening  
Outfall Investigation Program

**Section 6: Overall Outfall Characterization - Potential for Illicit Discharge**

Unlikely	Potential <i>two or more indicators</i>	Suspect <i>one or more indicators w/severity 3</i>	Obvious
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**Section 7: Data Collection**

Sample for Laboratory?	Yes / No	<i>If Yes, attach copy of chain of custody.</i>
If Yes, collected from:	Flow      Pool	
Intermittent Flow Trap Set?	Yes / No	If Yes, type:    OBM      Caulk Dam

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

**Section 3: Quantitative Characterization**

Field Data for Flowing Outfalls				
Parameter		Result	Unit	Equipment
Flow Method 1	Volume		liter	bottle
	Time to fill		seconds	stop watch
	Flow Rate		l/s	stop watch
Flow Method 2	Flow Depth (d)		ft, in	tape measure
	Flow Width (w)		ft, in	tape measure
	Measured Length (l)		ft, in	tape measure
	Time of Travel (t)		seconds	stop watch
	Flow Rate*		cfs	= d x w x (l/t)
Water Temperature			F    C	thermometer / probe
pH			pH units	probe / test strip
Chlorine, Total			mg/l	
Copper, Total			mg/l	
Phenol, Total			mg/l	
Detergents/surfacants			mg/l	

\*convert inches to feet before calculating

**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	Present	Description		Relative Severity Index M (1-3)
Odor	Yes / No	none musty Sewage	rotten eggs sour milk other	1- Faint 2 - Easily Detected 3 - Noticable from a distance
Color	Yes / No	colorless red yellow brown	green grey other	1- faint color in sample bottle 2- clearly visible in bottle 3 - clearly visible in outfall
Turbidity	Yes / No	clear	See Severity	1-slight cloudiness 2- cloudy 3- opaque
Floatables (not trash)	Yes / No	None Oily sheen	Sewage (TP, etc) Garbage	1 - few/slight; origin not obvious 2- Some; indications of origin 3 - Some; origin clear

Structure #	Map #	Location	Comments
A012		Orchard Bus. Park (Basin outlet)	outfall 0024 at H003
A013		Willow Springs Lane	Discharge to Stream
A014		Willow Springs Lane	Discharge to Stream
A076		Willow Springs Lane	Discharge to Stream
A100		Bartlett Drive	Discharge to Stream
A107		Willow Springs Lane	Discharge to Stream
A108		Willow Springs Lane	Discharge to Stream
A185		Beshore School Road	Discharge to Stream
A186		Beshore School Road	Discharge to Stream
A187		Beshore School Road	Discharge to Stream
A188		Beshore School Road	Discharge to Stream
A191		Hickory Drive	Discharge to Stream
A198		Ivy Drive	Discharge to Stream
A207		Ivy Drive (Outfall 21)	Outfall 21
A209		Hazel Drive	Discharge to Stream
A211		Hazel Drive	Discharge to Stream
A216		Hazel Drive	Discharge to Stream
A223		Brylea Drive (Outfall 018)	Outfall 018
A227		Mundis Race Road	Discharge to Stream
A229		Mundis Race Road (Outfall 017)	Outfall 017
A249		Mundis Race Road	Discharge to Stream
A264		Mundis Race Road	Discharge to Stream
A265		Mundis Race Road	Discharge to Stream
A327		N. Sherman St. Ext'd (Outfall 016)	Outfall 016
A384		N. Sherman Street Ext'd	Discharge to Stream
A388		N. Sherman Street Ext'd	Discharge to Stream
A389		N. Sherman Street Ext'd	Discharge to Stream
A392		Blossom Drive	Discharge to Stream
A393		Brickyard Road	Discharge to Stream
A395		N. George Street	Discharge to Stream
A407		Beshore School Road	Discharge to Stream
A457		Dauberton	Discharge to Stream
A459		Dauberton	Discharge to Stream
A468		Dauberton	Discharge to Stream
A475		Canal Road	Discharge to Stream
A476		Canal Road	Discharge to Stream
A479		N. George Street Ext'd	Discharge to Stream
A657		Rentzel Farms	Outfall 025
A841		N. Sherman St. Ext'd (Outfall 019)	Outfall 019
A885		N. Sherman Street Ext'd	Discharge to Stream
A891		Poplar Estates (Outfall 007)	Outfall 007
A911		Saginaw Road	Discharge to Stream
A912		Jerusalem School Road	Discharge to Stream
A914		Don Rene Road	Discharge to Stream
A917		Riverview Drive	Discharge to Stream
A918		Riverview Drive	Discharge to Stream
A919		Riverview Drive	Discharge to Stream
A920		Riverview Drive	Discharge to Stream
A922		Riverview Drive	Discharge to Stream

A931	Jerusalem School Road	Discharge to Stream
A934	Jerusalem School Rd (Outfall 011)	Outfall 011
A935	Jerusalem School Road	Discharge to Stream
A941	Asbury Pointe	Discharge to Stream
A946	Abbey Drive	Discharge to Stream
A949	Codorus Furnace Road	Discharge to Stream
A951	Riverview Drive (Outfall 010)	Outfall 010
A952	Mt. Hebron Road	Discharge to Stream
A953	Mt. Hebron Road	Discharge to Stream
A954	Saginaw Road	Discharge to Stream
A955	Saginaw Road	Discharge to Stream
A956	Long Road	Discharge to Stream
A964	York Street	Discharge to Stream
A976	Second Street	Discharge to Stream
A977	Second Street	Discharge to Stream
A988	Market Street	Discharge to Stream
A992	Gravel Hill Road	Discharge to Stream
A993	Wago Road (Outfall 004)	Outfall 004
A994	Wago Road	Discharge to Stream
A995	Gut Road	Discharge to Stream
B147	PPL	Discharge to Stream
B148	PPL	Discharge to Stream
B149	PPL	Discharge to Stream
B152	Riverview Drive	Discharge to Stream
B178	Riverview Drive (Outfall 003)	Outfall 003
B180	Riverview Drive (Outfall 002)	Outfall 002
B198	Riverview Drive	Discharge to Stream
B200	Riverview Drive	Discharge to Stream



Structure #	Map #	Location	Comments
H003		Outfall 024	Outfall 024
H004		BMP #	Discharge to Stream
H005		Orchard Bus. Park	Discharge to Stream
H012		Orchard Bus. Park (Starbucks Out.)	Discharge to Stream
H013		Wet Basin BMP #	Discharge to Stream
H015		Orchard Bus. Park	Discharge to Stream
H016		Orchard Bus. Park	Discharge to Stream
H026		Willow Springs Industrial	Discharge to Channel
H027		Willow Springs Industrial	Discharge to Stream
H033		Green Ridge	discharge to stream
H036		Hickory Drive	discharge to stream
H038		Ivy Drive	discharge to stream
H039		Starview Road	discharge to stream
H041		Starview Road	discharge to stream
H043		Mundis Race Road	discharge to stream
H044		Mundis Race Road	Discharge to Stream
H056		Mundis Race Road	discharge to stream
H059		Mundis Race Road	discharge to stream
H062		N. Sherman Street Ext'd	Discharge to Stream
H064		Starview Road	discharge to stream
H067		Starview Road	discharge to stream
H070		Starview Road	discharge to stream
H072		Starview Road	discharge to stream
H074		Starview Road	discharge to stream
H075		Starview Road	discharge to stream
H077		Starview Road	discharge to stream
H090		Rite Aid	Discharge to Stream
H093		N. George St. Ext'd (Outfall 006)	Outfall 006
H094		Rentzel Farms	Discharge to Stream
H097		N. George Street Ext'd	Discharge to Stream
H098		N. George Street Ext'd	Discharge to Stream
H108		Northeastern School	Discharge to Stream
H109		Northeastern School	Discharge to Stream
H111		Dauberton	Discharge to Stream
H112		Dauberton	Discharge to Stream
H113		Dauberton	Discharge to Stream
H120		Chestnut Valley	Discharge to Stream
H142		Saginaw Road	Discharge to Stream
H144		Hillview Drive	Discharge to Stream
H145		Hillview Drive	Discharge to Stream
H148		Jerusalem School Road	Discharge to stream
H149		Jerusalem School Rd (Outfall 012)	Outfall 012
H155		Jerusalem School Road	Discharge to Stream
H157		Long Road	Discharge to Stream
H159		Locust Street	Discharge to Stream
H161		York Street	Discharge to Stream

H162	Second Street	Discharge to Stream
H163	Second Street (Outfall 009)	Outfall 009
H164	Second Street	Discharge to Stream
H166	Gut Road	Discharge to Stream
H167	Gravel Hill Road (Outfall 020)	Outfall 020
H169	Gut Road	Discharge to Stream
H170	Wago Road	Discharge to Stream
H172	Wago Road	Discharge to Stream
H173	Wago Road	Discharge to Stream
H175	Gut Road	Discharge to Stream
H176	Gut Road	Discharge to Stream
H194	Chestnut Valley	Discharge to Stream
H197	Railroad Crossing	Discharge to Stream
H198	Railroad Crossing	Discharge to Stream
H199	Riverview Drive	Discharge to Stream
H209	Orchard Bus. Park	Discharge to Stream
H213	Orchard View	Discharge to Stream

Structure #	Map #	Type	Location	Comments
X001			Jerusalem School Road	discharge to stream
X002			Brickyard Road	discharge to stream
X004			Zions View Road	Discharge to Stream
X005			Gross Farm	Discharge to stream
X006			Gross Farm	Discharge to stream
X007			Gross Farm (Outfall 023)	Discharge to stream - Outfall 023
X008			Canal Road (Outfall 005)	Outfall 005
X010			Outfall 022	Outfall 022
X011			Wago Road	Discharge to Stream
X017			Long Road	discharge to stream
X018			N. Sherman Street Ext'd	discharge to stream
X019			Blossom Drive	discharge to stream
X021			Blossom Drive	discharge to stream
X022			Blossom Drive	discharge to stream
X023			Blossom Drive	discharge to stream
X025			Codorus Furnace Road	Discharge to Stream
X026			Codorus Furnace Road (Outfall 015)	Outfall 015
X027			Jerusalem School Road	discharge to stream
X028			Jerusalem School Road	discharge to stream
X029			Jerusalem School Road	discharge to stream
X030			Jerusalem School Road (Outfall 014)	Outfall 014
X031			Hillview Drive	discharge to stream
X032			Jerusalem School Road	
X033			Don Rene Road	discharge to stream
X034			Don Rene Road (Outfall 013)	Outfall 013
X035			Codorus Furnace Road	discharge to stream
X036			Codorus Furnace Road	discharge to stream
X037			Mt. Hebron Road	discharge to stream
X038			Long Road (Outfall 008)	Outfall 008
X039			Saginaw & Long Roads	Discharge to Stream
X041			Gut Road	Discharge to Stream
X042			Gut Road	Discharge to Stream
X043			Gut Road	Discharge to Stream
X044			Gut Road	Discharge to Stream
X045			Gut Road	Discharge to Stream
X046			Gut Road	Discharge to Stream
X047			Gut Road	Discharge to Stream
X048			Wago Road	Discharge to Stream
X049			Wago Road	Discharge to Stream
X050			Wago Road	discharge to stream
X051			Wago Road	discharge to stream
X052			Wago Road	discharge to stream
X053			Wago Road	Discharge to Stream
X054			Wago Road	Discharge to Stream
X055			Wago Road	discharge to Stream
X056			Wago Road	Discharge to Stream

X057	Wago Road	Discharge to Stream
X058	Wago Road	Discharge to Stream
X059	Wago Road	Discharge to Stream
X060	Wago Road	Discharge to Stream
X061	Wago Road	Discharge to Stream
X062	Wago Road	Discharge to Stream
X063	Wago Road	Discharge to Stream
X064	Wago Road	Discharge to Stream
X065	Gut Road	Discharge to Stream
X066	Gut Road	Discharge to Stream
X067	Gut Road	Discharge to Stream
X068	Gut Road	Discharge to Stream
X069	Gut Road	Discharge to Stream
X070	Gut Road	Discharge to Stream
X071	Gut Road	Discharge to Stream
X072	Gut Road	Discharge to Stream
X073	Gut Road	Discharge to Stream
X075	Royal Manchester	Discharge to Stream
X077	Royal Manchester (Outfall 001)	Outfall 001

MS4'S STORMWATER MANAGEMENT PROTOCOL  
MINIMUM CONTROL MEASURE 1 (MCM1)  
PUBLIC EDUCATION AND OUTREACH PROGRAM  
EAST MANCHESTER TOWNSHIP, YORK COUNTY, PA

**Purposes:** The proposed program helps to inform the community on how crucial the success of a stormwater management program is to the Township, County, State and the receiving waterways. Public understanding of the reasons for stormwater management increases public support for program management, while public awareness of personal responsibilities for stormwater management increases program compliance.

It is the goal of the Township to determine the Best Management Practices, (BMPs) and measurable goals for this minimum control measure. Minimum goals shall include inspection and documentation of facilities under the control of the Township, employee training and public awareness.

Revised September 2020

## **MS4'S STORMWATER MANAGEMENT PROTOCOL PUBLIC EDUCATION PLAN EAST MANCHESTER TOWNSHIP**

### Homeowners (Associations):

- Continually include in the Township Inspections information to remind residents that the Township and the residents themselves must comply with regulations controlling what goes into storm water runoff.
- Ask Post Office and other businesses in the Township if they will display posters promoting stormwater management and the regulations on storm water management.
- Article to the local papers publicizing East Manchester's adoption of the Stormwater Ordinance and Education Plan.
- Hold public presentations on stormwater management-invite a public speaker to attend.
- Participation in the Stream Signage Program sponsored by Capital Resource Conservation and Development Area Council, Inc. to make individuals more aware of the water resource of Codorus and Conewago Creeks.
- Attempt to hold events during EWAY Watershed weekend.
- Always display stormwater management public education materials in the Township Office for the public to read and to take with them.

### Business Owners:

- Letters to business owners asking for their cooperation in following stormwater regulations.
- Invite to public presentation on stormwater management.
- Continue to ask business owners if they would display a storm water management poster in their place of business.

### Developers:

- Continue to encourage Codes Enforcement Officer to send out "When it Rains, It Drains" pamphlets with all zoning permits.
- Continue to remind Developers of requirements for MS4's Storm Water Management.
- Invite to public presentation on stormwater management.

### Identifications of Community Organizations – Possible Channels of Communication:

- Fire Companies
- Scouts
- Churches
- Homeowner's Associations
- Industrial Parks
- Schools

### Township Engineer:

- Active with the YCPC – IWRP
- Active with the YCPC regional Chesapeake Bay Reduction Plan
- Active in stormwater inspections (Existing and Proposed)

### East Manchester Township Public Involvement and Participation Plan - September 2020

Target Audience	Group Size (people)	How Do They Receive Information?	What Organizations to Focus on?	Strategies for Distribution of Materials?
Municipal Employees	11	Municipal meetings and Staff Meetings	Township Staff	Municipal Engineer gives a small presentation at Public meetings on what is new with Stormwater Management and remind everyone to stay vigilant. Individual meetings with the Township Highway Department were also completed discussing minimal requirements of the MS4 permit.
Residents	7,264	Tax Mailings/Zoning Permits/ Township Website/ Volunteer Committees/ Public Meetings	Watershed Alliance of York	The Township solicitor is an active member of WAY whose goal is to educate the general public of their stormwater responsibilities. Include information on the website and in the Tax bills that are mailed out. Stormwater notices included in the building permits.
Schools	3	Posters requested to be hung throughout school	Boy Scouts and Girl Scouts, Students possibly looking for a senior project	Provide information to local chapter leaders and offer to do a presentation for those groups.
Businesses	50-75	Tax Mailings/Post office visits/ Township Website	Better Business Bureau (BBB)	Many business owners of the township are reminded by employees of the Township. Include information on the website and in the Tax bills that are mailed out. The Post office to display public information as requested.

Developers/ Builders	25-50	Zoning and Building Permits and Monthly meetings	York Builders Association and the Realtors Association of York and Adams County	Remind developers and builders of the MS4 requirements and handout pertinent information with the Building and Zoning Permits. Provide information to the York Builders Association for them to distribute. During monthly sponsored meetings provide information to the attendees.
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# York County Sludge/Septage Manifest and Report

Does the municipality require completion of Sections D, or E? ☐ Yes ☒ No  
See Manifest/Report Instructions to determine municipal requirements.

## A. Generator Information

Parcel ID: \_\_\_\_\_

(Municipal Office Use Only)

Origin Number: 70

Date: 9.2.12

Time of Collection: AM / PM (circle one)

Property Owner Name: Chester Square

Address of Pump-out: 4167 N. George Street Extd,  
Manchester, PA, 17345

Mailing Address if different: \_\_\_\_\_

## B. Waste Information: Check one in each of the following

Source Type: ☐ Residential ☒ Commercial / Institutional ☐ Industrial ☐ Municipal  
Waste Type: ☒ Septage ☐ Sludge ☐ Grease ☐ Other: \_\_\_\_\_

Volume pumped: 800 Gallons, or \_\_\_\_\_ Dry Tons Disposal Site Permit Number: PAC0276808

Disposal Date: 9.2.12 Disposal Time: \_\_\_\_\_ AM / PM (circle one)

## C. Hauler Certification: As a YCSWRA Registered Hauler, I certify that the above transportation and disposal information is true and accurate.

Hauling Company Name: Bussers YCSWRA Decal Number: 16098  
(print company name) (driver's decal #)

Driver Name: Marshall Bussers  
(print driver's name)

Driver Signature: Marshall Bussers

Complete the following sections if required by municipality  
**NOTICE:** Completion of this form **DOES NOT** constitute a complete system inspection, including for real estate purposes.

## D. System Data: Check one in each of the following

Type: ☒ Septic Tank ☐ Aerobic Tank ☐ Cesspool ☐ Holding Tank ☒ Other: Lift Station  
Absorption Area: ☐ Elevated Mound ☐ In Ground ☐ None ☐ Other: \_\_\_\_\_  
Pumped From: ☐ Tank Manhole ☒ Other: Public Sewer  
Number of Tanks: 1 Approximate Tank Size (gallons): Primary Tank: 825 2<sup>nd</sup> \_\_\_\_\_; 3<sup>rd</sup> \_\_\_\_\_; 4<sup>th</sup> \_\_\_\_\_

## E. Field Observations: Check yes or no in each of the following

YES NO  
☐ ☐ Manhole Extensions  
☐ ☐ Inspection Ports  
☐ ☐ Snaked inlet line  
☐ ☐ Missing or deteriorated baffle

YES NO  
☐ ☐ Runback from absorption area into tank  
☐ ☐ Wet areas near system  
☐ ☐ Lush green grass near system  
☐ ☐ Gray water discharge to surface of ground or stream

YES NO  
☐ ☐ High liquid level in tank  
☐ ☐ Low liquid level in tank  
☐ ☐ Crack or hole in tank wall  
☐ ☐ Effluent Filter  
☐ ☐ Effluent Filter Cleaned  
☐ ☐ Others (describe): \_\_\_\_\_

Comments: \_\_\_\_\_

White: Generator

Green: Municipality

Canary: YCSWA

Goldenrod: Disposal Site

Pink: Transporter (rev. 7/14)



2048 JUG ROAD  
DOVER, PA 17315  
(717) 266-0985  
www.BussersSepticService.com

Invoice 2669

BILL TO  
CHESTER SQUARE  
PROPERTIES  
P.O. BOX 20316  
YORK, PA. 17402

DATE  
09/02/2021

PLEASE PAY  
\$1,033.88

DUE DATE  
10/01/2021

P.O. NUMBER  
717-577-7777

DESCRIPTION

QTY

RATE

AMOUNT

PROPERTY :

4167 N. GEORGE STREET EXTD.  
MANCHESTER, PA. 17345

9/2/2021

SERVICE CALL  
LIFT STATION FAILURE  
NEED PUMPER TRUCK WHILE CUSTOMER IS PERFORMING REPAIR ON PUMP  
RAIL SYSTEM.

1 65.50 65.50

VACUUM TRUCK  
REMOVE WASTE FROM LIFT STATION WHILE REPAIR IS BEING DONE DURING  
DURATION OF REPAIR.

4.75 186.50 885.88

TREATMENT PLANT DISPOSAL FEE

825 0.10 82.50

THANK YOU !

TOTAL DUE

\$1,033.88

THANK YOU.

## **GLB&A - Byron Trout**

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**From:** themi@moltllc.com  
**Sent:** Monday, September 20, 2021 12:13 PM  
**To:** GLB&A - Byron Trout  
**Cc:** themi@moltllc.com  
**Subject:** chester square shopping center  
**Attachments:** Chester Busser inv\_1.pdf

Mr. Byron Trout,

Please see attached invoice reflecting our work (and Busser's work) on the lift station/sewer pumps at chester square. The job was completed on that date of the invoice. We also installed a new pump base (not reflected on receipt) and fixed the pump that had clogged up (it has two pumps but one was down, but now fixed). Both are running well and hopefully we wont have this issue ever again! Thank you!

Themi Sacarellos  
717 577 7777 cell#



## Chapter 199

### STORMWATER MANAGEMENT

#### ARTICLE I General Provisions

- § 199-1. Statement of findings.
- § 199-2. Purpose.
- § 199-3. Statutory authority.
- § 199-4. Short title.
- § 199-5. Applicability.

#### ARTICLE II Terminology

- § 199-6. Definitions; word usage.

#### ARTICLE III Stormwater Management Plan Requirements

- § 199-7. General requirements.
- § 199-8. Exemptions.
- § 199-9. Stormwater management plan contents.
- § 199-10. Plan submission.
- § 199-11. Stormwater management plan review.
- § 199-12. Modification of plans.

#### ARTICLE IV Design and Performance Standards

- § 199-13. Design standards.
- § 199-14. Design criteria.
- § 199-15. Regulation governing stormwater management facilities.
- § 199-16. Calculation methodology.

- § 199-17. Groundwater recharge (infiltration; recharge; retention).

- § 199-18. Water quality and stream protection.
- § 199-19. Erosion and sedimentation requirements.
- § 199-20. Riparian buffer zone (RBZ).

#### ARTICLE V Financial Security; Inspections

- § 199-21. Financial security.
- § 199-22. Schedule of inspections.
- § 199-23. Release of financial security.

#### ARTICLE VI Fees and Expenses

- § 199-24. Reimbursement by developer; disputes.

#### ARTICLE VII Maintenance Responsibilities

- § 199-25. Purpose.
- § 199-26. Maintenance during development.
- § 199-27. Maintenance upon completion of development.
- § 199-28. Maintenance by private entity.
- § 199-29. Maintenance of existing stormwater management facilities.
- § 199-30. Alteration of stormwater management facilities.

§ 199-31. Municipal stormwater  
maintenance fund.

ARTICLE VIII  
Administration

§ 199-32. Right-of-entry.

§ 199-33. Waivers.

§ 199-34. Violations.

§ 199-35. Enforcement; violations and  
penalties.

§ 199-36. Revocation or suspension of  
permits; occupancy permits.

§ 199-37. Notification of noncompliance.

§ 199-38. Compatibility with other  
permits and requirements.

§ 199-39. Township liability.

§ 199-40. Challenge and appeals.

Tables 4-1 through 4-7

[HISTORY: Adopted by the Board of Supervisors of the Township of East Manchester 1-10-2006 by Ord. No. 2006-1. Amendments noted where applicable.]

GENERAL REFERENCES

Uniform construction codes — See Ch. 75.  
Floodplain management — See Ch. 108.  
Sewers and sewage disposal — See Ch. 179.

Storm sewers — See Ch. 197.  
Subdivision and land development — See Ch. 208.  
Zoning — See Ch. 255.

ARTICLE I  
General Provisions

§ 199-1. Statement of findings.

The Board of Supervisors finds that:

- A. Inadequate management of excess stormwater runoff resulting from development throughout a watershed increases flood flows and velocities; contributes to erosion and sedimentation; overtaxes the carrying capacity of streams and storm sewers; greatly increases the cost of public facilities to carry and control stormwater; undermines floodplain management and flood control efforts in downstream communities; reduces groundwater recharge; and threatens public health and safety; and
- B. A comprehensive program of stormwater management, including reasonable regulation of development and activities causing accelerated erosion, is fundamental to the public health, safety and welfare and the protection of the people of the Township and all the people of the commonwealth, their resources and the environment.

§ 199-2. Purpose.

The purpose of this chapter is to promote the public health, safety and welfare by minimizing the damages described in § 199-1A of this chapter by provisions designed to:

- A. Control accelerated erosion and sedimentation problems at their source by regulating activities which cause such problems.

- B. Utilize and preserve the desirable existing natural drainage systems.
- C. Encourage groundwater recharge and prevent degradation of groundwater quality.
- D. Maintain the existing flows and quality of streams and watercourses in the Township and the commonwealth.
- E. Preserve and restore the flood-carrying capacity of streams.
- F. Provide for proper maintenance of all permanent stormwater management facilities which are constructed in the Township.
- G. Provide performance standards and design criteria for watershed-wide stormwater management and planning.

#### § 199-3. Statutory authority.

The Board of Supervisors, pursuant to authority granted by the Pennsylvania Storm Water Management Act, Act of October 4, 1978, P.L. 864, No. 167, as amended ("Act 167"),<sup>1</sup> the Pennsylvania Municipalities Planning Code, Act of July 31, 1968, Act of July 31, 1968, P.L. 805, No. 247, reenacted and amended by Act 170 of 1988, as amended ("MPC"),<sup>2</sup> and the Second Class Township Code, Act of May 1, 1933, P.L. 103, No. 69, reenacted and amended July 10, 1947, P.L. 1481, No. 567, as subsequently amended ("Second Class Township Code"),<sup>3</sup> hereby enacts and ordains this chapter as the "East Manchester Township Stormwater Management Ordinance."

#### § 199-4. Short title.

This chapter shall be known and may be cited as Ordinance No. 2006-1, the "East Manchester Township Stormwater Management Ordinance."

#### § 199-5. Applicability.

- A. This chapter shall apply to all areas of the Township.
- B. This chapter shall only apply to permanent stormwater management facilities (as defined herein) constructed as part of any of the activities listed in this section. Stormwater management and erosion and sedimentation control during construction activities are not regulated by this chapter, but shall continue to be regulated under existing laws and regulations.
- C. The provisions, regulations, limitations and restrictions of this chapter governing design, installation and maintenance of stormwater management facilities and preparation, submission and review of stormwater management plans shall apply to all of the

1. Editor's Note: See 32 P.S. § 680.1 et seq.

2. Editor's Note: See 53 P.S. § 10101 et seq.

3. Editor's Note: See 53 P.S. § 65101 et seq.

following activities defined collectively as "regulated activities," unless specifically exempted by § 199-8 herein:

- (1) Development of any kind where Chapter 208 , Subdivision and Land Development, of the Code of the Township of East Manchester requires filing a subdivision or land development plan;
  - (2) Any land disturbance affecting one acre or more;
  - (3) Outdoor storage, including storage of material (rock, soil, etc.) where ground contact is equal to or exceeds 5,000 square feet or where material is placed either on slopes exceeding 8%, floodplains, or in drainageways;
  - (4) Construction of new or additional impervious or semipervious surfaces (included, but not limited to, concrete, asphalt, stoned surfaces, surfaces using pavers);
  - (5) Construction of new buildings or additions to existing buildings;
  - (6) Diversion or piping of any natural or man-made stream channel;
  - (7) Installation or modification of stormwater management facilities and/or appurtenances thereto;
  - (8) Any disturbance to land that, in the opinion of the Township, is critical in terms of protection of steep slopes, wetlands and other environmentally sensitive features and in terms of protection of adjoining properties;
  - (9) Any other activities where the Township determines that said activities may affect any existing watercourse's stormwater management facilities, or stormwater drainage patterns.
- D. In determining whether such activity constitutes a regulated activity, the limitations shall apply to the entire lot existing on the effective date of this chapter whether or not such activity is conducted in phases or sections.

## ARTICLE II Terminology

### § 199-6. Definitions; word usage.

- A. For the purposes of this chapter, certain terms and words used herein shall be interpreted as follows:
- (1) Words used in the present tense include the future tense; the singular number includes the plural, and the plural number includes the singular; words of masculine gender include feminine gender, and words of feminine gender include masculine gender.
  - (2) The word "includes" or "including" shall not limit the term to the specific example but is intended to extend its meaning to all other instances of like, kind, and character.



- (3) The word "person" includes an individual, firm, association, organization, partnership, trust, company, corporation, or any other similar entity.
- (4) The words "shall" and "must" are mandatory; the words "may" and "should" are permissive.
- (5) The words "used or occupied" include the words "intended, designed, maintained, or arranged to be used, occupied or maintained."

B. As used in this chapter, the following terms shall have the meanings indicated:

**ACCELERATED EROSION** — The removal of the surface of the land through the combined action of man's activities and natural processes at a rate greater than would occur because of the natural processes alone.

**ACT 167** — As defined in § 199-3 hereof.

**APPLICANT** — The person or persons submitting a stormwater management plan to the Township for consideration.

**BMP (BEST MANAGEMENT PRACTICE)** — Stormwater structures, facilities, and techniques designed or used to maintain or improve the quality of water and surface runoff while acting to neutralize increased runoff volume caused by development activity. BMPs may be structural (basins, infiltration structures), nonstructural (vegetated filter strips, buffers) or managerial techniques (maintenance practices) that may be used singly or in combination intending to improve water quality.

**BOARD OF SUPERVISORS** — The Board of Supervisors of East Manchester Township.

**CISTERN** — An underground reservoir or tank for storing rainwater.

**CONSERVATION DISTRICT** — The York County Conservation District or any successor agency thereto.

**CULVERT** — A structure with appurtenant works which carries surface water through an obstruction.

**DEP** — The Pennsylvania Department of Environmental Protection or any successor agency thereto.

**DESIGN STORM** — The magnitude of precipitation from a storm event measured in probability of occurrence (e.g., fifty-year storm) and duration (e.g., twenty-four-hour), and used in computing stormwater management control systems.

**DETENTION BASIN** — A basin designed to retard stormwater runoff by temporarily storing the runoff and releasing it at a predetermined rate. A detention basin can be designed to drain completely after a storm event, or it can be designed to contain a permanent pool of water.

**DEVELOPER** — A person, or any combination of persons, or agent thereof, that undertakes, owns, maintains or has responsibility for any proposed or existing regulated

activity. "Developer" as used herein shall include also the owner who shall have joint and several responsibility for adherence to the provisions of this chapter.

**DEVELOPMENT** — Any man-made change to improved or unimproved real estate, including but not limited to building or other structures, the subdivision of land, the placement of mobile or prefabricated structures, streets and other paving, utilities, filling, grading, excavation, mining, dredging or the like.

**DOWNSLOPE PROPERTY LINE** — That portion of the property line of the lot, tract, or parcels of land being developed located such that a portion or all stormwater runoff from the development site would be directed towards it.

**DRAINAGE CONVEYANCE FACILITY** — A stormwater management facility designed to transmit stormwater runoff and shall include streams, channels, swales, pipes, conduits, culverts, storm sewers, etc.

**DRAINAGE EASEMENT** — A right of limited use granted by the owner of real property, as grantor, to a person, as grantee, allowing the use of grantor's property by the grantee for the purpose of stormwater management.

**EROSION** — The removal of soil particles by the action of water, wind, ice, snow or other natural forces.

**EROSION AND SEDIMENTATION CONTROL PLAN** — A plan that is designed to minimize accelerated erosion and sedimentation associated with construction activity.

**FLOOD** — A general but temporary condition of partial or complete inundation of normally dry land areas from the overflow of streams, rivers, and other waters of this commonwealth.

**FLOODPLAIN** — Any land area susceptible to inundation by water from any natural source or delineated by applicable Department Of Housing And Urban Development, Federal Insurance Administration Flood Hazard Boundary Map as being a special flood hazard area. Also included are areas that comprise Group 13 soils, as listed in Appendix A of the DEP Technical Manual for Sewage Enforcement Officers, as amended or replaced from time to time by DEP.

**FLOODWAY** — The channel of the watercourse and those portions of the adjoining floodplains that are reasonably required to carry and discharge the one-hundred-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by FEMA. In an area where no FEMA maps or studies have defined the boundary of the one-hundred-year frequency floodway, it is assumed, absent evidence to the contrary, that the floodway extends 50 feet from the top of the bank of the stream.

**GROUNDWATER RECHARGE** — Replenishment of existing natural underground water supplies.

**IMPERVIOUS** — Any surface or material other than vegetative cover which prevents the percolation of water into the ground. Impervious surfaces and materials shall include, but not be limited to, any roof, parking or driveway, new streets and sidewalks.

**INFILTRATION STRUCTURES** — A designed improvement which directs runoff into the ground, (e.g., French drains, seepage pits, seepage trench).

**JOINT PERMIT APPLICATION** — The joint application for Pennsylvania water obstruction and encroachment permit and U.S. Army Corps of Engineers Section 404 permit, or any successor permit or permits thereto.

**LAND DISTURBANCE** — Any activity involving alteration, construction, mining, timber, harvesting, grubbing, grading, filling, digging or filling of ground, or stripping of vegetation, or any other activity which causes land to be exposed to the danger of erosion.

**MPC** — As defined in § 199-3 hereof.

**NRCS** — The Natural Resource Conservation Service of the United States Department of Agriculture or any successor agency thereto.

**ORDINANCE** — The East Manchester Stormwater Management Ordinance, as amended or reenacted.

**OWNER** — The fee simple or equitable titleholder to a lot or tract of land. "Owner" for the purposes of this chapter shall be determined at the relevant time at which the provisions of this chapter are applied or enforced.

**PEAK DISCHARGE** — The maximum rate of flow of water at a given point and time resulting from a specified storm event.

**PENNDOT** — The Pennsylvania Department of Transportation or any successor agency thereto.

**PERSON** — An individual, partnership, public or private association, limited liability company, corporation, firm, trust, estate, municipality, governmental unit, public utility or any other legal entity. "Person" when used herein shall also include the successors, heirs and assigns of such person, the members of a partnership, the officers, agents and servants of a corporation or limited liability company and the officers of a municipality or other governmental unit.

**PROJECT** — The use and all improvements proposed in a land use permit application, building permit application and/or subdivision and land development plan or in any other plan for development.

**PROJECT SITE** — The specific tract of land for which a project or development is proposed.

**REGULATED ACTIVITY** — As defined in § 199-5 hereof.

**RETENTION BASIN** — An impoundment in which stormwater is stored and not released during the storm event. Stored water may be released at a predetermined rate from the basin at some time after the end of the storm.

**RETURN PERIOD** — The average interval, in years, within which a storm event of a given magnitude can be expected to recur. For example, the twenty-five-year return period rainfall would be expected to recur, on the average, once every 25 years.

**RIPARIAN BUFFER ZONE or RBZ** — As defined in § 199-20 hereof.

**RISER** — A vertical pipe extending from the bottom of a pond that is used to control the discharge rate from the pond for a specified design storm.

**RUNOFF** — That part of precipitation which flows over the land.

**SCS** — Soil Conservation Service of the United States Department of Agriculture or any successor agency thereto.

**SECOND CLASS TOWNSHIP CODE** — As defined in § 199-3 hereof.

**SEDIMENT** — Solid material, both mineral and organic, that is in suspension, is being transported, or has been moved from its site of origin by water.

**SEDIMENT BASIN** — A barrier, dam, retention or detention basin designed to retain sediment.

**SEEPAGE PIT/SEEPAGE TRENCH** — An area of excavated earth filled with loose stone or similar materials and into which surface water is directed for infiltration into the ground.

**SEMIPERVIOUS** — A surface or material such as stone, rock concrete or other materials which permits some vertical transmission of water.

**SHEET FLOW** — Runoff that flows over the ground surface as a thin, even layer, not concentrated in a channel.

**SOIL COVER COMPLEX METHOD** — A method of runoff computation developed by SCS, and found in its publication "Urban Hydrology for Small watersheds," Technical Release No. 55, SCS, January 1975.

**SOIL GROUP, HYDROLOGIC** — A classification of soils by the NRCS which divides soils into four runoff potential groups. The groups range from A soils, which are very permeable and produce little runoff, to D soils, which are not very permeable and produce much more runoff.

**SPILLWAY** — A depression in the embankment of a pond or basin which is used to pass peak discharge greater than the maximum design storm controlled by the pond.

**STORM FREQUENCY** — The number of times that a given storm event occurs or is exceeded on average in a stated period of years. See also the definition of "return period."

**STORM SEWER** — A system of pipes, conduits, swales or other similar structures which carry intercepted runoff and other drainage, but excludes domestic sewage and industrial wastes.

**STORMWATER** — Water which surfaces, flows or collects during and subsequent to a rain, ice or snowfall event.

**STORMWATER MANAGEMENT FACILITY** — Any structure, natural or man-made, that, due to its condition, design, or construction, conveys, stores, or otherwise affects stormwater runoff. Typical stormwater management facilities include, but are not limited to, detention and retention basins, open channels, storm sewers, pipes, and infiltration structures.

**STORMWATER MANAGEMENT PLAN** — The documentation of the stormwater management system, if any, to be used for a given development site, the contents of which are established in § 199-9.

**STREAM ENCLOSURE** — A bridge, culvert or other structure in excess of 100 feet in length upstream to downstream which encloses a regulated water of this commonwealth.

**SUBDIVISION** — The division or redivision of a lot, tract or parcel of land by any means into two or more lots, tracts, parcels or other divisions of land including changes in existing lot lines for the purpose, whether immediate or future, of lease, transfer of ownership or building or lot development; provided, however, that the division of land for agricultural purposes into parcels of more than 10 acres, not involving any new street or easement of access, shall be excluded from the definition.

**SUBDIVISION ORDINANCE** — The East Manchester Township Subdivision and Land Development Ordinance,<sup>4</sup> as amended or reenacted.

**SWALE** — A shallow ditch intended to gather or carry runoff.

**TIME-OF-CONCENTRATION (TC)** — The time for surface runoff to travel from the hydraulically most distant point of the watershed to a point of interest within the watershed. This time is the combined total of overland flow time and flow time in pipes or channels, if any.

**TOWNSHIP** — East Manchester Township, a Second Class Township located in York County, Pennsylvania.

**TOWNSHIP CODE** — The Code of East Manchester Township, as amended or reenacted.

**TOWNSHIP ENGINEER** — The Engineer of the Township appointed pursuant to authority granted by the Second Class Township Code.<sup>5</sup>

**WATERCOURSE** — Any natural or artificial stream, river, creek, ditch, channel, canal, conduit, culvert, drain, waterway, gully, ravine or wash in which water flows in a definite direction or course, either continuously or intermittently, and has a definite channel, bed and banking and includes any area adjacent thereto subject to the inundation by reason of overflow of floodwater.

4. Editor's Note: See Ch. 208, Subdivision and Land Development.

5. Editor's Note: See 53 P.S. § 65101 et seq.

**WATERSHED** — All the land from which water drains into a particular watercourse.

**WATERS OF THE COMMONWEALTH** — Any and all rivers, streams, creeks, rivulets, ditches, watercourses, storm sewers, lakes, dammed water, wetlands, ponds, springs, and all other bodies or channels of conveyance of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this commonwealth.

**WETLAND** — Those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs, and similar areas.

**ZONING ORDINANCE** — The East Manchester Township Zoning Ordinance, as amended or reenacted.<sup>6</sup>

### ARTICLE III Stormwater Management Plan Requirements

#### § 199-7. General requirements.

- A. It shall be unlawful to commence any regulated activity prior to submission and unconditional approval of a stormwater management plan, or conditional approval of a stormwater management plan if proper financial security is to be posted in accordance with § 199-21 under this chapter.<sup>7</sup>
- B. Approval of a stormwater management plan does not exempt or relieve the developer or any builder or owner from any requirements to submit grading plans to the Township prior to issuance of a land use or building permit.

#### § 199-8. Exemptions.

- A. Any regulated activity that meets the following exemption criteria is exempt from the provisions of this chapter. These criteria shall apply to the total project even if the project is to take place in phases. Calculation of square footage for the purposes of an exemption shall be cumulative and shall include the impervious cover existing on the date of application for the exemption. Exemption shall not relieve the applicant from implementing such measures as are necessary to protect health, safety, and property. This exemption shall not relieve the applicant from meeting the requirements for water quality and groundwater recharge or special requirements for high quality (HQ) and exceptional value (EV) watersheds.

6. Editor's Note: See Chapter 255, Zoning.

7. Editor's Note: Amended at time of adoption of Code (see Ch. 1, General Provisions, Art. I).

**Stormwater Management Exemption Criteria  
Impervious Area Exemption**

<b>Total Parcel Size</b>	<b>Exemption (square feet)</b>
Less than 0.25 acre	1,000
0.25 to less than 0.5 acre	2,500
0.5 to 1 acre	5,000
More than 1 to 2 acres	10,000
More than 2 to 5 acres	15,000
More than 5 acres	20,000

- B. Agriculture when operated in accordance with a conservation plan or erosion and sedimentation control plan approved by the Conservation District shall be exempt from the provisions of this chapter. The agricultural activities such as growing crops, rotating crops, tilling of soil and grazing animals and other such activities are specifically exempt from complying with the requirements of this chapter.
- C. Forest management operations, which are following the DEP's management practices, contained in its publication "Soil Erosion and Sedimentation Control Guidelines for Forestry" and are operating under an erosion and sedimentation control plan approved by the Conservation District shall be exempt from the provisions of this chapter.

**§ 199-9. Stormwater management plan contents.**

The stormwater management plan shall consist of all applicable calculations, maps, and plans. A note on the maps shall refer to the associated computations and erosion and sedimentation control plan by title and date. The cover sheet of the computations and erosion and sedimentation control plan shall refer to the associated maps by title and date. All stormwater management plan materials shall be submitted to the Township in a format that is clear, concise, legible, neat, and well organized; otherwise, the stormwater management plan shall be returned to the applicant as though it were not filed. The following items shall be included in the stormwater management plan:

**A. General.**

- (1) General description of project.
- (2) General description of permanent stormwater management facilities, including construction specifications of the materials to be used for such stormwater management facilities.
- (3) Complete hydrologic, hydraulic, and structural computations for all stormwater management facilities.
- (4) The stormwater management plan shall be signed and sealed by a licensed professional engineer.

- B. Map(s) of the project area shall be submitted on twenty-four-inch-by-thirty-six-inch or thirty-inch-by-forty-inch sheets. The contents of the maps(s) shall include but not be limited to:
- (1) The location of the project relative to highways, municipalities or other identifiable landmarks.
  - (2) Existing contours at intervals of two feet. In areas of steep slopes (greater than 15%), five-foot contour intervals may be used.
  - (3) Existing streams, lakes, ponds, or other bodies of water within the project area.
  - (4) Other physical features including flood hazard boundaries, sinkholes, streams, existing drainage courses, areas of natural vegetation to be preserved, and the total extent of the upstream area draining through the site.
  - (5) The locations of all existing and proposed utilities, sanitary sewers, and water lines within 50 feet of property lines.
  - (6) An overlay showing soil names, boundaries and hydrologic soil classification.
  - (7) Proposed changes to the land surface and vegetative cover, including the type and amount of impervious area that would be added.
  - (8) Proposed structures, roads, paved areas, and buildings.
  - (9) Final contours at intervals at two feet. In areas of steep slopes (greater than 15%), five-foot contour intervals may be used; provided, however, that final contours in any area containing stormwater management facilities may not exceed two feet.
  - (10) The name of the project, the name and address of the developer and owner of the property, and the name of the individual or firm preparing the plan.
  - (11) The date of submission.
  - (12) A graphic and written scale of one inch equals no more than 50 feet; for tracts of 20 acres or more, the scale shall be one inch equals no more than 100 feet.
  - (13) A North arrow.
  - (14) The total tract boundary and size with distances marked to the nearest foot and bearings to the nearest degree.
  - (15) Existing and proposed land use(s).
  - (16) A key map showing all existing man-made features beyond the property boundary that would be affected by the project.
  - (17) Horizontal and vertical profiles of all open channels, including hydraulic capacity.
  - (18) Overland drainage paths.



- (19) A note on the stormwater management plan indicating the location and responsibility for maintenance of stormwater management facilities that would be located off site. All off-site facilities shall meet the performance standards and design criteria specified in this chapter.
- (20) A statement, signed by the landowner, acknowledging the stormwater management facilities to be permanent fixtures that can be altered or removed only after approval of a revised plan by the Township.
- (21) The location of all facilities installed or to be constructed and installed pursuant to an erosion and sedimentation control plan for the project.
- (22) The location of all groundwater recharge facilities.

C. Supplemental information.

- (1) A written description of the following information shall be submitted:
  - (a) The overall stormwater management concept for the project.
  - (b) Stormwater runoff computations as specified in this chapter.
  - (c) Stormwater management techniques to be applied both during and after development.
  - (d) A summary table showing predevelopment and controlled and uncontrolled postdevelopment discharge rates for all required designed storms.
- (2) An erosion and sedimentation control plan, where applicable, including all reviews and approvals, as required by DEP.
- (3) A geologic assessment of the effects of runoff on sinkholes as specified in this chapter.
- (4) The effect of the project (in terms of runoff volumes and peak flows) on adjacent and downstream properties and on any existing storm sewer that may receive runoff from the project site.
- (5) Soil evaluation to justify infiltration site location and results of on-site testing to establish infiltration rates used for design.

D. Stormwater management facilities.

- (1) All stormwater management facilities must be located on a stormwater management plan and described in detail, including:
  - (a) Groundwater recharge methods such as seepage pits, beds or trenches. The location of the proposed structure, including a detailed cross-section. If these structures are proposed, the locations of septic tank infiltration areas and wells must be shown. Groundwater recharge methods must comply with the additional requirements in Subsection D(2) of this section.

- (b) Other control devices or methods, such as rooftop storage, semipervious paving materials, grass swales, parking lot ponding, vegetated strips, detention or retention basins, storm sewer, etc.
  - (c) Cross-sections of any detention or retention basins showing the relationship between the existing topography and the proposed bottom, spillway, top of embankment and the outlet structure and the corresponding proposed finished grade elevations. A detail of the outlet structure shall be provided, including all pertinent construction requirements.
  - (d) A schedule for the installation of the stormwater management facilities. In all cases, the stormwater management facilities must be completed prior to the creation of additional impervious surface.
- (2) The following additional requirements apply to all proposed groundwater recharge methods such as seepage pits, beds, trenches, leaching wells and cisterns:
- (a) Representative percolation tests must be made throughout the area proposed for development. At least one percolation test must be included in each soil group and at least one percolation test must be conducted for each five lots proposed for development. The percolation test must be sampled at the invert depth of the proposed structure.
  - (b) Seepage pits, beds or trenches shall not be permitted for any development of more than five lots without prior approval of the Township.
- (3) All calculations, assumptions, and criteria used in the design of the stormwater management facilities must be shown.
- (4) A maintenance program for stormwater management facilities meeting the requirements of this chapter must be included. This program must include the ownership of the stormwater management facilities and detail the financial responsibility for any required maintenance.

#### § 199-10. Plan submission.

For all activities regulated by this chapter, the steps below shall be followed for submission. For any activities that require a joint permit application under Chapter 105 (Dam Safety and Waterway Management)<sup>8</sup> or Chapter 106 (Floodplain Management)<sup>9</sup> of the DEP Rules and Regulations, or require a PennDOT highway occupancy permit, or require any other permit under applicable state or federal regulations, the proof of application for that permit(s) shall be part of the stormwater management plan. The stormwater management plan shall be coordinated with the state and federal permit process.

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8. Editor's Note: See 25 Pa. Code § 105.1 et seq.

9. Editor's Note: See 25 Pa. Code § 106.1 et seq.

- A. The stormwater management plan shall be submitted by the developer or owner as part of any regulated activity defined in § 199-5 of this chapter. All applicable fees shall be paid at the time of submission.
- B. Three copies of the stormwater management plan shall be submitted as follows:
  - (1) One copy to the Township.
  - (2) One copy to the Township Engineer.
  - (3) One copy to a delegated agent of the York County Planning Commission.

**§ 199-11. Stormwater management plan review.**

- A. The Township Engineer shall review the stormwater management plan for consistency with any adopted watershed-wide stormwater management plans enacted under Act 167.<sup>10</sup> The Township Engineer shall require receipt of a complete plan, as specified in this chapter. The Township shall not approve a stormwater management plan inconsistent with any stormwater management plan under Act 167 applicable to the Township.
- B. The Township Engineer shall review the stormwater management plan for any subdivision or land development which contravenes any provisions of Chapter 208, Subdivision and Land Development, not superseded by this chapter. A written review will be provided to the Township outlining the results of the review.
- C. The developer shall be responsible for completing record drawings of all stormwater management facilities included in the approved stormwater management plan. The record drawings and an explanation of any discrepancies with the designed plans shall be submitted to the Township Engineer for final approval. In no case shall the Township approve the record drawings until the Township receives a copy of the PennDOT highway occupancy permit, and any applicable DEP permits.

**§ 199-12. Modification of plans.**

A modification to a submitted stormwater management plan for a project site that involves a change in stormwater management facilities or techniques, or that involves the relocation or redesign of stormwater management facilities, or that is necessary because soil or other conditions are not as stated on the stormwater management plan as determined by the Township Engineer, shall require a resubmission of the modified stormwater management plan consistent with § 199-10 of this chapter and be subject to review as specified in § 199-11 of this chapter or a modification to a stormwater management plan for which a formal action has not been taken by the Township shall be submitted to the Township consistent with § 199-10 of this chapter and be subject to review as specified in § 199-11 of this chapter.

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10. Editor's Note: See 32 P.S. § 680.1 et seq.

ARTICLE IV  
Design and Performance Standards

**§ 199-13. Design standards.**

**A. General requirements.**

- (1) The developer of any project within the Township, with the exception of those projects exempted from the requirements of this chapter in § 199-8 shall submit an application for and obtain approval of a stormwater management plan.
- (2) When a project is proposed to be developed in phases or sections and the developer submits stormwater management plans for each section or phase, all proposed temporary facilities required for construction of a section or phase shall be included in the submitted stormwater management plan for that section.
- (3) Stormwater management facilities located within or affecting the floodplain or any watercourse shall also be subject to the requirements of Chapter 255, Zoning, of the Code of the Township of East Manchester, any ordinance which regulates construction and development within areas of the Township subject to flooding, and any other applicable requirements of Act 166, the Pennsylvania Floodplain Management Act."
- (4) Runoff from impervious surface areas shall be drained when possible to pervious areas of the project site.
- (5) Stormwater runoff shall not be transferred from one watershed to another unless the watersheds are subwatersheds of a common watershed which join together within the perimeter of the project site, or the effect of the transfer does not alter the peak discharge onto downstream lands, or drainage easements from the affected landowners are provided.
- (6) All stormwater runoff flowing over the project site shall be considered in the design of the stormwater management facilities. This includes existing points of concentrated drainage that discharge onto adjacent property. Existing concentrated drainage shall not be relocated and shall be subject to any applicable discharge criteria specified in this chapter.
- (7) Stormwater drainage systems shall be provided in order to permit unimpeded flow along natural watercourses.
- (8) Other innovative methods for the management of stormwater runoff rates and volumes may also be approved by the Township. Various combinations of methods should be tailored to suit the particular requirements of the type of development and the topographic features of the project site. The following is a partial listing of control methods which can be utilized in stormwater management plans where appropriate and when approved by the Township Engineer.

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11. Editor's Note: See 32 P.S. § 679.101 et seq.

- (a) Infiltration pits, infiltration trenches or other infiltration structures.
- (b) Concrete lattice block surfaces.
- (c) Grassed channels and vegetated strips.
- (d) Cisterns and underground reservoirs.
- (e) Routed flow over grass.
- (f) Decreased impervious surface coverage.
- (g) Constructed wetlands.
- (h) Retention Basins subject to prior Township approval.
- (i) Roof-top storage.
- (j) Detention basins (extended or conventional).
- (k) Other BMPs.
- (l) Porous pavement.

B. Permanent stormwater management standards. The developer shall demonstrate by substantial evidence that the stormwater management facilities for the project will meet or exceed all of the following standards:

- (1) After installation of impervious or semipervious materials, there shall be no increase in the volume of stormwater runoff being discharged for up to the two-year, twenty-four-hour design storms, predevelopment to postdevelopment, calculated using the Soil Cover Complex Method.
- (2) After installation of impervious or semipervious materials, the postdevelopment peak rate of stormwater discharges from the project site for all design storms up to an including a one-hundred-year frequency rainfall shall not exceed the predevelopment peak rate discharges from the project site of the same design storms before disturbance. Design storms include: two-year, twenty-four-hour storm; five-year, twenty-four-hour storm; ten-year, twenty-four-hour storm; twenty-five-year, twenty-four-hour storm; fifty-year, twenty-four-hour storm; one-hundred-year, twenty-four-hour storm.
- (3) The volume and rate of any stormwater discharges allowed by this chapter must be managed to prevent the physical degradation of receiving waters, such as streambank scour and erosion. If a detention facility is proposed that is part of the BMPs approved for a project, the facility(ies) must be designed to provide for the twenty-four-hour extended detention of the two-year, twenty-four-hour storm event (i.e., the stormwater runoff will be released over a minimum of 24 hours for the two-year, twenty-four-hour storm event).
- (4) The Township shall impose the following additional restrictions on stormwater discharges:

- (a) When a probable risk to downstream structures or unique natural areas exists or previous (historical) flooding problems could be further aggravated, the Township shall require developer to further restrict peak discharge.
- (b) The Township shall impose measures to protect against groundwater or surface water pollution from significant pollution producing sources (so called "hot spots," including but not limited to industrial uses, gas stations, fast food and other commercial uses generating large numbers of vehicle trips, and other uses at the determination of the Township) or where the nature of the soils or bedrock underlying a stormwater management facility constitutes substantial risk of contamination, such as carbonate areas. The developer shall install special provisions that act to remove pollutant loadings (including but not limited to filtration devices like sand peat filters, multiple chamber catch basins and inlets, oil separators and others).
- (c) Where groundwater yields are very low or where a groundwater supply already is heavily used or where maintenance of downstream wetlands is a special concern, the Township shall require that the entire volume of the two-year, twenty-four-hour design storm (3.0 inches in 24 hours) from the project site be retained and infiltrated. If substantial irrigation needs are anticipated, portion of stored stormwater may be reused for irrigation purposes.

§ 199-14. Design criteria.

- A. Postdevelopment rates of runoff from any regulated activity shall not exceed the peak release rates of runoff specified in § 199-13 of this chapter. If it is shown, by applications of water quality and groundwater recharge requirements pursuant to §§ 199-17 and 199-18, that the postdevelopment hydrographs are equal to the predevelopment hydrographs to assure the rate and volume of runoff leaving the site is unchanged for two-, five-, ten-, twenty-five-, fifty-, and one-hundred-year storm frequencies, then the requirements of this section will be considered met. Otherwise, the developer shall control the rate and volume for the balance of uncontrolled runoff by satisfying §§ 199-17 and 199-18. If an extended detention or a permanent pool-type stormwater management facility is selected for the treatment of water quality volume, the outlet shall be designed such that one-year, twenty-four-hour postdevelopment runoff volume is released over a twenty-four-hour period. This will also help channel protection. The release of water begins at the start of the storm (i.e., the invert of the water quality orifice is at the invert of the facility). The design of the facility shall consider and minimize the chances of clogging and sedimentation potential. Orifices smaller than four inches diameter are not recommended.
- B. Infiltration BMPs must be provided for all development to capture all volume from impervious area associated with development for a three-inch, twenty-four-hour Type II SCS rainfall distribution. See requirements specified in § 199-17.

- C. Off-site areas which drain through a proposed project site are not subject to release rate criteria when determining allowable peak discharge rates. However, on-site drainage facilities shall be designed to safely convey off-site flows through the project site.
- D. Any downstream hydraulic capacity analysis conducted in accordance with this chapter shall use the following criteria for determining adequacy for accepting increased peak discharge rates:
  - (1) Natural or man-made channels or swales must be able to convey the increased runoff associated with a one-hundred-year return period event within their banks at velocities consistent with protection of the channels from erosion. Acceptable velocities shall be based upon criteria included in the DEP "Erosion and Sediment Pollution Control Program Manual."
  - (2) Natural or man-made channels or swales must be able to convey increased one-hundred-year return period runoff without creating any hazard to persons or property.
  - (3) Culverts, bridges, storm sewers or any other stormwater management facilities which must pass or convey flows from the tributary area must be designed in accordance with DEP Chapter 105<sup>12</sup> and PennDOT regulations (if applicable) and, at minimum, pass the increased one-hundred-year return period runoff.
- E. For certain areas within the Township, it may be more cost-effective to provide one stormwater management facility for more than one project site than to provide an individual stormwater management facility for each project site. The initiative and funding for any regional runoff control alternatives are the responsibility of prospective developers. The design of any regional control basins must incorporate reasonable development of the entire upstream watershed. The peak outflow of a regional basin would be determined on a case-by-case basis using the hydrologic model, if available, of the watershed consistent with protection of the downstream watershed areas.

**§ 199-15. Regulation governing stormwater management facilities.**

- A. Any stormwater management facility located on state highway rights-of-way shall be subject to approval by the Pennsylvania Department of Transportation (PennDOT).
- B. Any stormwater management facility (i.e., detention basin) designed to store runoff and requiring a berm or earthen embankment required or regulated by this chapter shall be designed to provide an emergency spillway to handle flow up to and including the one-hundred-year postdevelopment conditions. The height of embankment must be set as to provide a minimum 1.0 foot of freeboard above the maximum pool elevation computed when the facility functions for the one-hundred-year postdevelopment inflow. Should any stormwater management facility require a dam safety permit under DEP Chapter 105, the facility shall be designed in accordance with Chapter 105<sup>13</sup> concerning dam safety.

12. Editor's Note: See 25 Pa. Code § 105.1 et seq.

13. Editor's Note: See 25 Pa. Code § 105.1 et seq.

- C. Any stormwater management facilities regulated by this chapter that would be located in or adjacent to waters of the commonwealth or wetlands shall be subject to approval by DEP through the joint permit application process, or, where deemed appropriate by DEP, the applicable general permit process. When there is a question whether wetlands may be involved, it is the responsibility of the developer or his agent to show that the land in question cannot be classified as wetlands, otherwise approval to work in the area must be obtained from DEP.
- D. Any drainage conveyance facility and/or channel that does not fall under DEP Chapter 105 regulations,<sup>14</sup> must be able to convey, without damage to the drainage structure or roadway, runoff from the one-hundred-year design storm. Conveyance facilities to or exiting from stormwater management facilities (i.e., detention basins) shall be designed to convey the design flow to or from that structure. Roadway crossings located within designated floodplain areas must be able to convey runoff from a one-hundred-year design storm. Any facility located within a PennDOT right-of-way must meet PennDOT minimum design standards and permit submission requirements.
- E. Storm sewers must be able to convey postdevelopment runoff from a fifty-year design storm without surcharging inlets, where appropriate. Any postdevelopment drainage area that does not naturally convey stormwater runoff to a stormwater management facility shall incorporate a storm sewer system capable of collecting and conveying the stormwater runoff during a one-hundred-year design storm to said facilities. A combination of aboveground and overland conveyance will be accepted without creation of hazardous conditions to any person or property.
- F. Any earthmoving activities subject to review by the Conservation District must be granted approval of the Conservation District prior to commencing work.
- G. The design of all stormwater management facilities shall incorporate good engineering principles and practices. The Township shall reserve the right to disapprove any design that would result in the occurrence or continuation of adverse hydrologic or hydraulic conditions within the watershed.
- H. The existing points of concentrated drainage that discharge onto adjacent property shall be subject to applicable discharge criteria in this chapter. The volume of runoff may not be increased by more than the volume of the two-year return period storm unless an analysis is completed that shows adequate facilities are in place to adequately convey postdevelopment flows. The downstream owners' signatures must be included on the stormwater management plan or a letter of approval acceptable to the Township must be obtained signifying approval to alter the concentrated drainage where inadequate downstream drainage conveyance facilities exist to convey the concentrated discharge. This requirement shall be limited to owners less than 500 yards downstream of the concentrated drainage point. The adequacy of downstream drainage conveyance facilities shall be as determined by the Township Engineer with reference to this chapter. Should the downstream owners refuse to accept the altered discharge, the developer must modify the stormwater management plan so the plan does not increase the drainage area or volume of discharge at the discharge point.

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14. Editor's Note: See 25 Pa. Code § 105.1 et seq.



- I. Areas of existing diffused drainage discharge shall be subject to any applicable discharge criteria in the general direction of existing discharge, whether proposed to be concentrated or maintained as diffused drainage areas, except as otherwise provided by this chapter. If diffused flow is proposed to be concentrated and discharged onto adjacent property, the developer must document that adequate downstream drainage conveyance facilities exist to safely transport the concentrated discharge, or otherwise prove that no erosion, sedimentation, flooding or other harm will result from the concentrated discharge. The downstream owners' signatures must be included on the stormwater management plan or a letter of approval acceptable to the Township must be obtained signifying approval to alter the concentrated drainage where inadequate downstream drainage conveyance facilities exist to convey the concentrated discharge. This requirement shall be limited to owners less than 500 yards downstream of the concentrated drainage point. The adequacy of downstream drainage conveyance facilities shall be as determined by the Township Engineer with reference to this chapter. Should the downstream owners refuse to accept the altered discharge, the developer must modify the stormwater management plan so the plan does not increase the drainage area or volume of discharge at the discharge point.
- J. Where a project site is traversed by watercourses, drainage easements shall be provided conforming to the line of such watercourses. The terms of the drainage easement shall prohibit excavation, the placing of fill or structures, and any alterations that may adversely affect the flow of stormwater within any portion of the drainage easement. Also, maintenance, including mowing of vegetation within the drainage easement shall be required, except as approved by the appropriate governing authority.
- K. When it can be shown that, due to topographic conditions, natural drainageways on the site cannot adequately provide for drainage, open channels may be constructed conforming substantially to the line and grade of such natural drainageways. Work within natural drainageways shall be subject to approval by DEP through the joint permit application process, or, where deemed appropriate by DEP, through the general permit process.
- L. Roof drains must not be connected to streets, sanitary or storm sewers or roadside ditches to promote overland flow and infiltration/percolation of stormwater where advantageous to do so. When it is more advantageous to connect directly to streets or storm sewers, then it shall be permitted on a case-by-case basis by the Township. In no case shall roof drains be positioned in a manner that promotes drainage to adjacent structures or onto adjacent properties.
- M. Special requirements for areas falling within defined exceptional value and high quality subwatersheds. The temperature and quality of water and streams that have been declared as exceptional value and high quality is to be maintained as defined in Chapter 93, Water Quality Standards, Title 25 of the DEP Rules and Regulations.<sup>15</sup> Temperature sensitive BMPs and stormwater conveyance systems are to be used and designed with storage pool areas and supply outflow channels and should be shaded with trees. This will require modification of berms for permanent ponds and the relaxation of restrictions on planting vegetation within the facilities, provided that capacity for volumes and rate control is

15. Editor's Note: See 25 Pa. Code § 93.1 et seq.

maintained. At a minimum, the southern half on pond shorelines shall be planted with shade or canopy trees within 10 feet of the pond shoreline. In conjunction with this requirement, the maximum slope allowed on the berm area to be planted is 10:1. This will lessen the destabilization of berm soils due to root growth. A long-term maintenance schedule and management plan for the thermal control BMPs is to be established and recorded for all project sites within defined exceptional value and/or high quality subwatersheds.

- N. Outlet control shall be accomplished utilizing (six-inch diameter or six-inch width minimum) perforations arranged vertically to provide for positive control of runoff. Outlet controls shall also provide for modification of the orifice to a smaller diameter through the use of removable plates or similar devices.
- O. Discharges from piping outlets of stormwater management facilities shall be provided with a concrete level spreader to convert point discharge back to simulated sheet flow. The length of the level spreader shall be equal to 10 times the outlet pipe diameter (e.g., an eighteen-inch discharge pipe would require a one-hundred-eighty-inch or fifteen-foot wide level spreader).
- P. All detention basins shall have a minimum bottom slope of 2% unless infiltration structures are provided. Where infiltration structures are provided an infiltration and/or percolation rate must be sufficient to accept the additional storm load and drain completely as determined by field tests conducted by the owner's professional designer.
- Q. The permitted depth for detention or retention basins shall be six feet, measured from the bottom of the emergency spillway to the lowest point in the basin.
- R. The maximum permitted side slopes for detention or retention basins shall be four horizontal to one vertical.
- S. All stormwater management facilities are considered structures and must comply with applicable building setback requirements as set forth in Chapter 255, Zoning, or other applicable regulations. No part of the discharge structure or piping shall encroach into the setback area.
- T. Any stormwater detention/retention facility located in or adjacent to a Residential (R-1, R-2 or R-3) District or an Apartment/Office (AO) District shall be subject to the following fencing requirements:
  - (1) Stormwater facility must be completely surrounded by a fence or wall of not less than four feet in height, which shall be so constructed as not to have openings, holes or gaps larger than two inches in any dimension (including the distance between horizontal or vertical pickets in a picket fence).
  - (2) All gates or doors opening through such enclosure shall be equipped with a self-closing and self-latching device for keeping the gate or door securely closed at all times.
  - (3) The fences or walls erected shall further comply with all applicable provisions of Chapter 255, Zoning.

- U. No stormwater management facilities shall be installed over existing utility mains or services.
- V. Plans showing outlet control structures shall contain a drainage easement dedication as follows: "An easement is hereby granted to East Manchester Township to access and modify the basin outlet control device at the expense of the developer or owner so as to function within design parameters."
- W. In general, inlets shall be spaced such that, based upon the Rational Method, time-of-concentration ( $T_c$ ) = five minutes and fifty-year design storm intensity, the area contributing to the inlet shall not produce a peak discharge of greater than four cubic feet per second. Also, inlets shall be spaced so that their efficiency, based upon efficiency curves published by the PennDOT, is not less than 65%. Additional inlets shall be placed at the upper side of driveway/street intersections to prevent stormwater from discharging onto the roadway. Other devices such as high-efficiency grates or perforated pipe may be required if conditions warrant.
- X. In all cases where drainage is picked up by means of a head wall, and inlet or outlet conditions control, the pipe shall be designed as a culvert. The minimum diameter of culvert shall be 18 inches. The procedure contained in Hydraulic Engineer Circular Nos. 5 and 13, as prepared by the U. S. Department of Transportation, Federal Highway Administration, Washington, D.C., shall be used for the design of culverts. When a pipe or culvert is intended to convey the discharge from a stormwater management facility, its required capacity shall be computed by the Rational Method and compared to the peak outflow from the stormwater management facility for the fifty-year design storm. The greater flow shall govern the design of the pipe or culvert.

#### § 199-16. Calculation methodology.

Stormwater runoff from all project sites shall be calculated using either the Rational Method or a Soil Cover Complex Methodology.

- A. Any stormwater runoff calculations involving drainage areas greater than 200 acres, including on- and off-site areas, shall use generally accepted calculation technique that is based on the NRCS Soil Cover Complex Method. It is assumed that all methods will be selected by the design professional based on the individual limitations and suitability of each method for a particular site. The Township may allow the use of the Rational Method to estimate peak discharges from drainage areas that contain less than 200 acres.
- B. All calculations consistent with this chapter using the Soil Cover Complex Method shall use the appropriate design rainfall depths for the various return period storms presented in Table 4-1. If a hydrologic computer model such as PSRM or HEC-RAS is used for stormwater runoff calculations, then the duration of rainfall shall be 24 hours. The SCS Rainfall Type II curve shall be used for the rainfall distribution. See Table 4-2 and Table 4-3.<sup>16</sup>

16. Editor's Note: Said tables are included at the end of the chapter.

- C. For the purposes of predevelopment flow rate determination, undeveloped land, including disturbed areas, shall be considered as "meadow" in good condition, unless the natural ground cover generates a lower curve number or Rational "C" value (i.e., forest), as listed in Table 4-4.<sup>17</sup>
- D. All calculations using the Rational Method shall use rainfall intensities consistent with appropriate times-of-concentration for overland flow and return periods from the design storm Curves for PennDOT Design Rainfall Curves. Region 4 curves will apply to the watersheds within the Township. See Table 4-5.<sup>18</sup>

Peak discharge computed using the Rational Method should follow the formula,  $Q = CIA$

Where

- Q = Peak discharge in cubic feet per second
- C = Runoff factor expressed as a percent of the total rainfall
- I = Rainfall intensity in inches per hour
- A = The drainage area expressed in acres

- E. Times-of-concentration for overland flow shall be calculated using the methodology presented in Chapter 3 of Urban Hydrology for Small Watersheds, NRCS, TR-55 (as amended or replaced from time to time by NRCS). Time-of-concentration for channel and pipe flow shall be computed using Manning's equation.
- F. Runoff curve numbers (CN) for both existing and proposed conditions to be used in the Soil Cover Complex method shall be obtained from Table 4-6.<sup>19</sup>
- G. Runoff coefficients (c) for both existing and proposed conditions for use in the Rational Method shall be obtained from Table 4-4.<sup>20</sup>
- H. Where uniform flow is anticipated, the Manning equation shall be used for hydraulic computations such as the capacity of open channels, pipes, and storm sewers. Values for Manning's roughness coefficient (n) shall be consistent with Table 4-7.<sup>21</sup>
- I. Outlet structures for stormwater management facilities shall be designed to meet the performance standards of this chapter using any generally accepted hydraulic analysis technique or method.
- J. The design of any stormwater detention facilities intended to meet the performance standards of this chapter shall be verified by routing the design storm hydrograph through these facilities.

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17. Editor's Note: Said table is included at the end of the chapter.

18. Editor's Note: Said table is included at the end of the chapter.

19. Editor's Note: Said table is included at the end of the chapter.

20. Editor's Note: Said table is included at the end of the chapter.

21. Editor's Note: Said table is included at the end of the chapter.

**§ 199-17. Groundwater recharge (infiltration; recharge; retention).**

- A. Maintaining runoff volumes of predevelopment conditions requires groundwater recharge of the areas being developed. Design of the infiltration/recharge stormwater management facilities shall incorporate groundwater recharge to compensate for the reduction in the percolation that occurs when the ground surface is converted to an impervious surface. These measures are required unless the applicant can prove the project site is physically incapable of recharge. If physical limitations exist preventing groundwater recharge, runoff volumes must be reduced through another acceptable BMP proposed by the developer's engineer.
- B. Infiltration BMPs shall meet the following minimum requirements:
- (1) Infiltration BMPs intended to receive runoff from developed areas shall be selected based on suitability of soils and site conditions and shall be constructed on soils that have the following characteristics:
    - (a) A minimum depth of 12 inches between the bottom of the facility and the seasonal high-water table and/or bedrock (limiting zones). Limiting zones to be determined by probe hole excavation.
    - (b) An infiltration and/or percolation rate sufficient to accept the additional stormwater load and drain completely as determined by field tests conducted by the owner's professional designer.
  - (2) The size of the recharge facility shall be based upon the following chart:

Seepage Table		
Perc Rate (minutes/inch)	Depth of Stone (feet)	Minimum Required Bed Area
15	2.5	*
30	2.5	
45	3.15	
60	3.15	
75	3.62	
90	3.62	
105	4	
120	4	
135	4	
150	4.25	
165	4.25	
180+	Fails	

## Assumed Data:

C = 0.95

Rainfall = 6.00 inches

Bed loading rate 5:1

## NOTES:

\* The minimum required bed area is determined by dividing the increase in impervious surface by five. For example, a five-hundred-square-foot increase in impervious surface would have a minimum required bed area of 100 square feet.

- (3) The recharge volume provided at the project site shall be directed to the most permeable soils available.
  - (4) The recharge facility shall be capable of completely infiltrating the impounded water within 48 hours.
- C. A detailed soils evaluation of the project site shall be performed to determine the suitability of recharge facilities. The evaluation shall be performed by a qualified professional, and at a minimum, address soil permeability, depth to bedrock, susceptibility to sinkhole formation, and subgrade stability. The general process for designing the infiltration BMP shall be:
- (1) Site evaluation to determine general areas of suitability for infiltration practices.
  - (2) Provide field test to determine appropriate percolation rate and/or hydraulic conductivity.
  - (3) Design infiltration structure for required storm volume based on all available data.
- D. Extreme caution shall be exercised where infiltration is proposed in geologically susceptible areas, such as strip mine or limestone areas. Extreme caution shall also be exercised where salt or chloride would be a pollutant since soils do little to filter this pollutant and it may contaminate the groundwater. It is also extremely important that the design professional evaluate the possibility of groundwater contamination from the proposed infiltration/recharge facility and recommend a hydrogeologic justification study be performed, if necessary. Whenever a basin will be located in an area underlain by limestone, a geological evaluation of the proposed location shall be conducted to determine susceptibility to sinkhole formations. The design of all facilities over limestone formations shall include measures to prevent ground water contamination and, where necessary, sinkhole formation. The infiltration requirement in the high quality/exceptional waters shall be subject to the DEP's Chapter 93 and Antidegradation Regulations.<sup>22</sup> The Township may require the installation of an impermeable liner in detention basins. A detailed hydrogeologic investigations may be required by the Township.

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22. Editor's Note: See 25 Pa. Code § 93.1 et seq.

- E. The Township may require the developer to provide safeguards against groundwater contamination for uses which may cause groundwater contamination, should there be a mishap or spill. It shall be the developer's responsibility to verify if the project site is underlain by limestone. A note shall be included on all stormwater management plans and signed and sealed by the developer's engineer/surveyor/landscape architect/geologist certifying whether any detention or retention basins are underlain by limestone.
- F. Where porous pavement is permitted for parking lots, recreational facilities, nondedicated streets, or other areas, pavement construction specifications shall be noted on the stormwater management plan.
- G. Recharge/infiltration facilities may be used in conjunction with other innovative or traditional BMPs, stormwater control facilities, and nonstructural stormwater management alternatives.

#### § 199-18. Water quality and stream protection.

- A. Developed areas will provide adequate storage and treatment facilities necessary to capture and treat stormwater runoff. The recharge volume computed under § 199-17 may be a component of the water quality volume. If the recharge volume is less than the water quality volume, the remaining water quality volume may be captured and treated by methods other than recharge/infiltration BMPs.

- (1) The water quality volume (WQv) is the storage capacity needed to treat stormwater runoff produced by "P" inches of rainfall (90% rule) from the developed areas of the project site. The following calculation formula is used to determine the storage volume, WQv, in acre-feet of storage:

$$\begin{aligned}
 WQv &= [(P)(O)(Rv)(A)]/12 \\
 WQv &= \text{Water quality volume} \\
 P &= \text{Rainfall amount (3.0 inches)} \\
 A &= \text{Disturbed project area} \\
 Rv &= 0.05 + 0.009(I) \\
 I &= (\text{Impervious area} \div \text{Total project area}) \times 100
 \end{aligned}$$

- (2) WQv shall be designed as part of a stormwater management facility which incorporates water quality BMPs as a primary benefit of using that facility, in accordance with design specifications contained in "Pennsylvania Handbook of Best Management Practices for Developing Areas". The following factors shall be considered when evaluating the suitability of BMPs used to control water quality at a given project site:

- (a) Total contributing area;
- (b) Permeability and infiltration rate of the site soils;
- (c) Slope and depth to bedrock;

- (d) Seasonal high-water table;
  - (e) Proximity to building foundations and well heads;
  - (f) Erodibility of soils;
  - (g) Land availability and configuration of the topography;
  - (h) Peak discharge and required volume control;
  - (i) The nature of the pollutant being removed;
  - (j) Maintenance requirements;
  - (k) Creation/protection of aquatic and wildlife habitat;
  - (l) Recreational value;
  - (m) Enhancement of aesthetic and property value.
- (3) Release of water can begin at the start of the storm (i.e., the invert of the water quality orifice is at the invert of the facility). The design of the facility shall consider and minimize the chances of clogging and sedimentation potential. Orifices smaller than four inches in diameter are not recommended.
- B. The developer may submit original and innovative designs to the Township Engineer for review and approval. Such designs may achieve the water quality objectives through a combination of BMPs. Infiltration required in § 199-17 should be accounted for in meeting the requirements of § 199-18A.

**§ 199-19. Erosion and sedimentation requirements.**

- A. As required in § 199-15F of this chapter, whenever the vegetation and topography are to be disturbed, such activity must be in conformance with Chapter 102, Title 25 of the DEP, Rules and Regulations, Part I,<sup>23</sup> and in accordance with requirements of the Conservation District.
- B. It is extremely important that strict erosion and sedimentation control measures be applied surrounding infiltration structure during installation to prevent the infiltrative surfaces from becoming clogged. Additional erosion and sedimentation control design standards and criteria that must be or are recommended to be applied where infiltration BMPs are proposed shall include the following:
- (1) Areas proposed for infiltration BMPs shall be protected from sedimentation and compaction during the construction phase, so as to maintain their maximum infiltration capacity.
  - (2) Infiltration BMPs shall not be constructed nor receive runoff until the entire contributory drainage area to the infiltration BMP has received final stabilization.

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23. Editor's Note: See 25 Pa. Code § 102.1 et seq.



**§ 199-20. Riparian buffer zone (RBZ).**

Areas immediately adjacent to the Township's perennial streams, areas of springs, watercourses where the drainage area to the wetland or watercourse exceeds 75 acres, and areas deemed by the Township to possess environmental value shall be defined as the "riparian buffer zone" or "RBZ". In the RBZ, special requirements as set forth in this section shall apply in order to maintain important natural functions. These RBZ requirements are based on both the heightened sensitivity of the RBZ and the potential to negatively impact the stream system when this RBZ is disturbed, as well as the potential of this RBZ to mitigate to the maximum extent the negative effects of development in areas adjacent to the stream system. The RBZ shall include three sub-zones, Zones 1 through 3, extending landward from the top of the streambank where different requirements are imposed. These RBZs are to be established and protected; as defined below:

- A. Zone 1, a fifteen-foot setback zone, measured from the top of the bank of the watercourse, where no disturbance of vegetation and soil except for construction of roadway structures or conveyance systems in accordance with the design standards of this chapter and restoration shall occur, in order to shade the stream with natural vegetation, to provide a source of numerous other organic inputs to the aquatic system, to anchor the streambank and floodplain area, and to consume and otherwise remove nitrogen, sediment, and other substances which can adversely affect stream systems.
- B. Zone 2, a managed buffer zone, extending a distance equal to 35 feet outward from Zone 1 or to the one-hundred-year floodplain boundary, whichever is larger, where disturbance of natural vegetative cover shall be limited to selective logging and other activities which minimally disrupt existing tree cover, in accordance with applicable zoning restrictions, and soil mantle, in order to maximize filtering and overall physical removal of particulate-form pollutants from runoff generated upgradient and to promote subsurface vegetative uptake of nitrogen and other nonparticulate elements from stormwater generated upgradient. The developer shall use land within Zone 2 only for those uses authorized within the one-hundred-year floodplain as allowed in Chapter 255, Zoning, even if portions of Zone 2 are located outside of the one-hundred-year floodplain.
- C. Zone 3, a zone of 50 feet extending outward from Zone 2; Zone 3 is defined in those cases where up-slope areas adjacent to the RBZ are being disturbed during the development process and where direct discharge of stormwater would otherwise occur, Zone 3 must include level spreading devices as necessary to ensure that any directly discharged stormwater flows are properly distributed as sheet flow. The developer shall avoid channelization and point source discharges.
- D. An RBZ adjacent to "high quality waters" and "exceptional value waters" designated by DEP shall be subject to the provisions of the most recent edition of DEP's "Special Protection Waters Implementation Handbook." To the extent the Township and DEP requirements are not consistent, the more restrictive requirements shall apply.
- E. For areas immediately adjacent to the Township's perennial streams, areas of springs, watercourses where the drainage area to the wetland or watercourse less than 75 acres, the RBZ shall be defined as a zone extending 15 feet outward from the top of the bank(s) of the watercourse. Within this area, no disturbance of vegetation and soil except for construction of roadway structures or conveyance systems in accordance with the design

standards of this chapter and restoration shall occur, in order to shade the stream with natural vegetation, to provide a source of numerous other organic inputs to the aquatic system, to anchor the streambank and floodplain area, and to consume and otherwise remove nitrogen, sediment, and other substances which can adversely affect stream systems.

## ARTICLE V Financial Security; Inspections

### § 199-21. Financial security.

The developer shall completely install all stormwater management facilities in accordance with the stormwater management plan prior to unconditional stormwater management plan approval unless the developer submits proper financial security. The amount and type of financial security shall meet the requirements of Section 509 of the MPC.<sup>24</sup>

### § 199-22. Schedule of inspections.

- A. The Township Engineer or his designated agent shall inspect phases of the installation of the permanent stormwater management facilities as deemed appropriate by the Township Engineer.
- B. During any stage of the work, if the Township Engineer determines that the permanent stormwater management facilities are not being installed in accordance with the approved stormwater management plan, the Township shall revoke any existing permits until a revised stormwater management plan is submitted and approved, as specified in this chapter. The Township may withhold the issuance of any additional permits or certificates of occupancy until the stormwater management facilities for the project are brought into compliance with the stormwater management plan or a revised stormwater management plan is approved.

### § 199-23. Release of financial security.

- A. No work shall be commenced on the installation of stormwater management facilities until unconditional stormwater management plan approval or financial security is posted in an amount and type as required by Section 509 of the MPC.<sup>25</sup>
- B. As work of installing the required stormwater management facilities proceeds, the developer may request the Board of Supervisors to release or authorize to release portions of the financial security. The Township shall process such requests in accordance with Article V of the MPC.<sup>26</sup>

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24. Editor's Note: See 53 P.S. § 10509.

25. Editor's Note: See 53 P.S. § 10509.

26. Editor's Note: See 53 P.S. § 10501 et seq.

- C. Final completion and full release of financial security shall not occur until the Township has been supplied with a final as-built survey signed by a licensed engineer or surveyor depicting all stormwater management facilities installed for the project.

**ARTICLE VI  
Fees and Expenses**

**§ 199-24. Reimbursement by developer; disputes.**

- A. The developer shall reimburse the Township for all legal and engineering fees incurred in the review of the stormwater management plan application and supporting documents, review of agreements for maintenance of stormwater management facilities, review of easement agreements, inspection of stormwater management facilities, and any additional costs for enforcement of this chapter. The Township shall establish by resolution the rates for all such fees and a deposit requirement at the time of application towards payment of the fees.
- B. In the event the developer disputes the amount of such review fees, the developer shall, within 10 days of the filing date, notify the Township that such fees are disputed, in which case the Township shall not delay or disapprove a stormwater management plan application due to the developer's request over disputed fees.
- C. In the event the Township and the developer cannot agree on the amount of review and/or inspection fees which are reasonable, then the developer and the Township shall follow the procedure for dispute resolution set forth in the MPC.

**ARTICLE VII  
Maintenance Responsibilities**

**§ 199-25. Purpose.**

- A. Maintenance of stormwater management facilities is essential for the proper functioning of the stormwater management facilities and for their proper operation. Failure to properly maintain stormwater management facilities may adversely impact the health and safety of surrounding property owners. It is the intention of the Board of Supervisors to impose regulations to require the permanent maintenance of stormwater management facilities which exist on the effective date of this chapter and which are installed in the future.
- B. Alterations to stormwater management facilities which are not performed in accordance with a revised stormwater management plan may create unforeseen consequences to surrounding property owners. No alterations to stormwater management facilities will be permitted unless the developer submits a stormwater management plan as required by this chapter and meets all of the standards and criteria of this chapter.

**§ 199-26. Maintenance during development.**

- A. Maintenance of stormwater management facilities during development of a project site shall be the responsibility of the developer and owner.
- B. The developer and owner shall maintain stormwater management facilities during development of a project site which shall include, but not be limited to:
  - (1) Removal of silt from all stormwater management facilities not utilized for sediment and erosion control measures when 60% of capacity is filled with silt; provided, however, that in no case shall the sediment level be permitted to build up higher than one foot below the principal outlet crest. At this elevation, clean out shall be performed to restore the original design volume to the basin or other structure. The elevation corresponding to the maximum allowable sediment level shall be determined and stated in the design data as a distance below the top of the riser. The elevation shall be clearly marked on the riser to enable proper maintenance. Sediment basins must be maintained in conformance with Chapter 102.<sup>27</sup> All sediment must be removed prior to converting the basin or trap to a permanent stormwater management facility.
  - (2) Periodic maintenance of temporary control stormwater management facilities, such as replacement of straw bale dikes, straw filters or similar measures.
  - (3) Establishment or reestablishment of vegetation by seeding and mulching or sodding of scoured areas or areas where vegetation has not successfully been established.
  - (4) Installation of necessary controls to correct unforeseen problems caused by storm events within design frequencies.
  - (5) Removal of all temporary stormwater management facilities upon installation of permanent stormwater management facilities at completion of the development.

**§ 199-27. Maintenance upon completion of development.**

- A. It is the purpose and intent of this chapter that the Township shall not become responsible for maintenance and supervision of stormwater management facilities unless such facilities are within public street rights-of-way dedicated to and accepted by the Township or unless such facilities are specifically accepted by the Township. The responsibility for stormwater management facility maintenance falls upon the developer of the project site who shall remain responsible for those areas of the project site which are subject to the requirements of this chapter. This responsibility may be retained or assigned to third persons approved by the Township as is deemed most acceptable to the developer.
- B. It is the intent of this chapter that the purposes of this chapter shall be carried out through the exercise of responsibility of private parties and, therefore, it is anticipated that stormwater management plans shall be designed with a view towards facilities which

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27. Editor's Note: See 25 Pa. Code § 102.1 et seq.

can effectively be contained within the tracts to be owned and maintained by private parties including homeowners' associations. To foster this purpose, stormwater management facilities which will not otherwise become part of Township property shall become the responsibility of the individual property owners on whose properties such stormwater management facilities lie, including but not limited to retention basins, detention basins, sediment basins, energy dissipators, or grassed watercourses, and the Township and the developer shall enter into an agreement, which shall be recorded, setting forth such maintenance responsibilities. Persons, including developers, conveying property within a project site to another party which contains any stormwater management facilities shall include a specific deed reference to such grantee's responsibility for the maintenance and care of the stormwater management facilities as are included within such grantee's property. The deed reference to such stormwater management facilities shall be in the form of a deed restriction imposing responsibilities upon said property owner for the maintenance of the portions of the stormwater management facilities within the boundary lines of said property as may be necessary for proper maintenance of the stormwater management facilities in accordance with the terms of this chapter or may be by reference to the recorded agreement with the Township.

- C. Required maintenance of stormwater management facilities shall include at a minimum the following:
- (1) Maintaining vegetated channels and other areas according to specifications in the DEP Soil Erosion and Sedimentation Control Manual.
  - (2) Reestablishment of vegetation by seeding and mulching or sodding of scoured areas or areas where vegetation has not been successfully established.
  - (3) Mowing as necessary and where permitted to maintain adequate stands of grass and to control weeds.
  - (4) Removal of silt from all permanent structures which trap silt or sediment in order to keep the material from building up in the grass waterways thus reducing their capacity.
  - (5) Regular inspection of the areas in question to assure proper maintenance and care. Detention and retention basins shall be inspected annually for 10 years and immediately after the cessation of a storm event having a one year or greater return period. The entity conducting the inspection shall be required to submit a report to the Township regarding the condition of the facility and recommending necessary repairs, if needed. Any such repairs shall be at the cost of the owner.
  - (6) Removal of silt from all permanent drainage structures in order to maintain the design storage volumes. Regular maintenance programs shall be established and maintained.
- D. The stormwater management agreement and deed restrictions identified above shall also include notice that in the event the individual property owner should fail to comply with the terms of this chapter for the maintenance and care of the land in question, the Township shall have the authority to carry out those duties hereby imposed upon

individual property owners. The Township may, after giving notice to an individual property owner that he/she is not properly maintaining the areas subject to this chapter, and by making demand that such compliance shall be made within the time period set forth in the notification, enter upon said property and take such actions as may be required to bring the area into compliance with this chapter. The Township shall further have the right to file a municipal lien against such property for the cost of maintenance work carried out under this section, plus a penalty of 10% of the costs of such work. The Township shall in addition to the filing of a municipal lien have any other remedies provided by law against any property owner who should fail to comply with the terms of this chapter.

**§ 199-28. Maintenance by private entity.**

In cases where permanent maintenance of stormwater management facilities is to be performed by a private entity, such as a homeowners' association or a condominium unit owners' association, such entity shall be responsible for the maintenance of such facilities and shall enter into a legally binding agreement with the Township. Such agreement shall provide the Township rights in accordance with Section 705 of the MPC<sup>28</sup> relating to the maintenance of common open space should the private entity fail to adequately maintain the stormwater management facilities.

**§ 199-29. Maintenance of existing stormwater management facilities.**

Stormwater management facilities existing on the effective date of this chapter on individual lots which have not been accepted by the Township or for which maintenance responsibility has not been assumed by private entity such as a homeowners' association shall be maintained by the individual property owners. Such maintenance shall include at a minimum those items set forth in § 199-27 above. If the Township determines at any time that any permanent stormwater management facility has been eliminated, altered, blocked through the erection of structures or the deposit of materials, or improperly maintained, the Township may determine that such condition constitutes a public nuisance and shall notify the property owner of corrective measures which are required, and provide for a reasonable period of time, not to exceed 30 days, within which the property owner shall take correction action. If the property owner does not take the required corrective action, the Township may either perform the work or contract for the performance of the work and, in such event, the Township shall have the right to file a municipal lien against such property for the cost of the work carried out under this section, plus a penalty of 10% of the costs of such work. The Township shall in addition to the filing of a municipal lien have any other remedies provided by law against any property owner who should fail to comply with the terms of this chapter.

**§ 199-30. Alteration of stormwater management facilities.**

No person shall modify, remove, fill, landscape or alter stormwater management facilities which may have been installed on a property unless a stormwater management plan has been

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28. Editor's Note: See 53 P.S. § 10705.

approved which authorizes such modification, removal, filling, landscaping or alteration. No person shall place any structure, fill, landscaping or vegetation into a stormwater management facility or within a drainage easement which will limit or alter the functioning of the facility or easement in any manner.

**§ 199-31. Municipal stormwater maintenance fund.**

- A. Persons installing stormwater management facilities shall be required to pay a specified amount to a Township stormwater maintenance fund to help defray the Township's costs of periodic inspections. The amount of the deposit shall be calculated to cover the cost of periodic inspections performed by the Township for a period of 10 years, as estimated by the Township Engineer. After that period of time, inspections will be performed at the expense of the Township.
- B. All money paid to the Township in this manner shall be kept in an operating reserve fund established as provided by the Second Class Township Code. Money in such operating reserve fund must be used for inspections and emergency maintenance of stormwater management facilities. Money in such operating reserve fund shall be invested in accordance with Section 3204 of the Second Class Township Code.<sup>29</sup>

**ARTICLE VIII  
Administration**

**§ 199-32. Right-of-entry.**

Upon presentation of proper credentials, duly authorized representatives of the Township may enter at reasonable times upon any property within the Township to inspect the condition of stormwater management facilities in regard to any aspect regulated by this chapter.

**§ 199-33. Waivers.**

- A. The provisions of this chapter are the minimum standards for the protection of the public welfare.
- B. If the developer demonstrates to the satisfaction of the Board of Supervisors that any mandatory provision of this chapter is unreasonable and causes unique and undue hardship as it applies to his proposed project, the Board of Supervisors, upon obtaining the comments and recommendations of the Township Engineer, may grant a waiver so that substantial justice may be done and the public interest secured, provided that such waiver will not have the effect of nullifying the intent and purpose of this chapter.
- C. The developer shall make all requests for waivers in writing and include such requests as a part of the development application. The developer shall state in full the grounds and facts, of unreasonableness or hardship on which the request is based, the provision or provisions of this chapter involved and the minimum waiver necessary. The developer

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<sup>29</sup>. Editor's Note: See 53 P.S. § 68204.

shall state how the requested waiver and developer's proposal shall result in an equal or better means of complying with the intent of this chapter as stated in Article I.

- D. The Board of Supervisors shall keep a written record of all action on waiver requests.
- E. In granting waivers, the Board of Supervisors may require the payment of a fee in lieu of compliance with the provisions of this chapter subject to the following limitations:
  - (1) The fee shall be an amount per square foot of impervious material to be added to the project site. The Township shall establish the rate per square foot for this fee by resolution.
  - (2) The fee shall be paid to the Township before commencement of any work on the project or issuance of any permits.
  - (3) All money paid to the Township in this manner shall be kept in a capital reserve fund established as provided by the Second Class Township Code. Money in such capital reserve fund shall be invested in accordance with Section 3204 of the Second Class Township Code.<sup>30</sup> Money in such capital reserve fund must be used for the acquisition of land, construction of facilities, or maintenance of facilities for stormwater management purposes.
- F. In granting waivers, the Board of Supervisors may impose conditions as will, in its judgment, secure substantially the objectives and standards or requirements so modified.
- G. The developer shall address all of the following in its application for a waiver:
  - (1) The extent of the proposed activity.
  - (2) The magnitude of the anticipated increased stormwater runoff as a result of the activity.
  - (3) The adverse impacts of any anticipated increase in stormwater runoff at the area of discharge from the site of the activity.
  - (4) The physical circumstances or conditions of the project site and any surrounding properties which may be impacted, including drainage characteristics, soil types, shape, location, topography or other physical conditions specific to the site of the activity.
  - (5) The history of stormwater runoff problems in the area which may or will be impacted by the activity.
  - (6) The potential for increased peak flows and/or volumes of stormwater runoff to cause any of the following problems:
    - (a) Increased flooding or ponding on off-site properties or roadways.
    - (b) Potential icing conditions.

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30. Editor's Note: See 53 P.S. § 68204.



- (c) Erosive conditions due to increased peak flows or volume.
  - (d) Decreased water quality.
  - (e) Increased one-hundred-year floodplain levels.
- (7) Whether stormwater runoff will be diverted to a different watershed to accomplish the goal of no or minimal increase of peak flow from the project site.

#### § 199-34. Violations.

It shall be a violation of this chapter to commit or permit any other person to commit any of the following acts:

- A. To commence regulated activities prior to obtaining unconditional approval of a stormwater management plan or in violation of the terms or conditions of a stormwater management plan approved under this chapter.
- B. To install, repair, modify or alter stormwater management facilities prior to obtaining approvals under this chapter, or, in a manner which violates the terms and conditions of any approval issued under this chapter.
- C. To misuse or fail to maintain any stormwater management facility installed upon a property.
- D. To construct any improvements upon, grade, fill or take any other action which will impair the proper functioning of any stormwater management facility.
- E. To place false information on, or, omit relevant information from an application for approval under this chapter.
- F. To fail to comply with any other provisions of this chapter.

#### § 199-35. Enforcement; violations and penalties.

- A. The violation of any provision of this chapter is hereby deemed a public nuisance. The Township is hereby authorized to enter upon private property and take all measures necessary to abate a deemed public nuisance, including attorneys' fees, under this chapter. It shall be unlawful for any person, owner, agent or person in possession of any premises to refuse to allow the Township or designated contractor to enter upon the premises for the purposes set forth above. The costs incurred by the Township to abate a public nuisance, including attorneys' fees, shall be a special assessment against the property and shall constitute a municipal lien on the property for the amount of the assessment plus a penalty of 10% of the assessment.
- B. For each violation of the provisions of this chapter, the developer, owner, agent, lessee, or contractor or any other person who commits, takes part in, or assists in any such violation shall be liable, upon conviction thereof in a summary proceeding, to pay a fine of not less than \$200 nor more than \$1,000 for each offense, together with the costs of prosecution and attorneys' fees, which fines and penalties may be collected as provided

by law. All fines and penalties collected for violation of this article shall be paid over to the Township Treasurer. In default of payment thereof, the defendant may be sentenced to imprisonment for a term not exceeding 90 days. Each day or portion thereof in which a violation exists shall be considered a separate violation of this chapter, and each section of this chapter which is violated shall be considered a separate violation.<sup>31</sup>

- C. The Township may also institute any other actions, suits or remedies available at law or in equity to restrain, prevent, or abate a violation of this chapter. Such proceedings may be initiated before any court of competent jurisdiction. In cases of emergency where, in the opinion of the court, the circumstances of the case require immediate abatement of the unlawful conduct, the court may, in its decree, fix a reasonable time during which the person responsible for the unlawful conduct shall correct or abate the same. The expense of such proceedings, including attorneys' fees, shall be recoverable from the violator in such manner as may now or hereafter be provided by law.

**§ 199-36. Revocation or suspension of permits; occupancy permits.**

- A. Prior to revocation or suspension of a permit, the governing body will schedule a public hearing to discuss the noncompliance if there is no immediate danger to life, public health or property.
- B. Suspension and revocation of stormwater management plan approvals shall be in accordance with the following:
- (1) Any approval issued under this chapter may be suspended or revoked by the Township for:
    - (a) Noncompliance with or failure to implement any provision of the stormwater management plan.
    - (b) A violation of any provision of this chapter or any other applicable law, ordinance, rule or regulation relating to the project.
    - (c) The creation of any condition or the commission of any act during construction or development which constitutes or creates a hazard or nuisance, pollution or which endangers the life or property of others.
  - (2) A suspended stormwater management plan shall be reinstated by the Township when:
    - (a) The Township Engineer or his designee has inspected and approved the corrections to the stormwater management facilities and/or erosion and sediment control measure(s), or the elimination of the hazard or nuisance; and
    - (b) The Township is satisfied that the violation of this chapter, law, or rule and regulation has been corrected.

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31. Editor's Note: Amended at time of adoption of Code (see Ch. 1, General Provisions, Art. I).

- (3) A stormwater management plan approval which has been revoked by the Township cannot be reinstated. The applicant may apply for a new permit under the procedures outlined in this chapter.
- C. Occupancy permits shall not be issued for any lot or lots within a project during the pendency of any enforcement action under this chapter commenced against the project or the developer of the project.

**§ 199-37. Notification of noncompliance.**

Any activity conducted pursuant to a stormwater management plan approved by Township shall be performed in strict compliance with the provisions of the plan. Violations shall be treated in the following manner:

- A. Any noncompliance with the provisions of the stormwater management plan that is identified by the Township Engineer, the Code Enforcement Officer or designee of the Township in the course of inspections as specified in this chapter shall be remedied by the developer according to the terms in this chapter.
- B. If at any time work does not conform to the approved stormwater management plan, including all conditions and specifications and modifications thereof, the Township Engineer or the Code Enforcement Officer shall issue a written notice to comply to the developer. Such notice shall set forth the nature of corrections required and the time within which corrections shall be made. Upon failure to comply within the time specified, the developer shall be considered in violation of this chapter, and the Township shall issue a cease and desist order on all work on the project site, including any building or other construction, until corrections are made. If corrections are not undertaken within a specified time or the developer violates the cease and desist order:
- (1) Penalties shall be imposed; and/or
  - (2) The work shall be completed by the Township and the costs charged to the developer.

**§ 199-38. Compatibility with other permits and requirements.**

Approvals issued pursuant to this chapter do not relieve the developer of the responsibility to comply with or secure required permits or approvals for activities regulated by any other applicable resolution, ordinance, code, rule, regulation or laws (federal, state, and local). If more stringent requirements concerning regulation of stormwater or erosion and sedimentation control are contained in the other regulations, the more stringent regulations shall apply.

**§ 199-39. Township liability.**

The making of any administrative decision by the Township or any of its officials, agents, or employees shall not constitute a representation, guarantee or warranty of any kind by the Township of the practicability or safety of any proposed structure or use with respect to damage from erosion, sedimentation, stormwater runoff, flood, or any other matter, and shall

create no liability upon or give rise to any cause of action against the Township and its officials and employees. The Board of Supervisors, by enacting this chapter, does not waive or limit any immunity granted to the Township and its officials and employees by the Governmental Immunity Act of October 5, 1980, P.L. 693, No. 142, as amended, 42 Pa.C.S.A. § 8541 et seq., and does not assume any liabilities or obligations.

**§ 199-40. Challenge and appeals.**

Appeals from any action of the Township or Township agents under this article shall be made in writing to the Board of Supervisors within 15 days from the date of the written determination of the Township. All appeals shall be accompanied by the appeal fee established by resolution of the Board of Supervisors.<sup>32</sup>

- A. The written appeal shall specify the precise action from which the appeal is taken and shall set forth in concise terms the reason for the appeal and any legal authorities supporting the appeal period.
- B. If the appellant desires a hearing before the Board, the appellant must request a hearing in the written appeal.
- C. If a hearing is requested in writing, the Board shall conduct the hearing at a regular or special public meeting which occurs not less than 30 days after receipt of the written appeal. The hearing shall be conducted in accordance with the provisions of the Local Agency Law, 2 Pa.C.S.A. § 551 et seq.
- D. The Board shall render a decision on the appeal in accordance with the provisions of the Local Agency Law.

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32. Editor's Note: The fee schedule is available in the Township offices.

*199 Attachment 1*

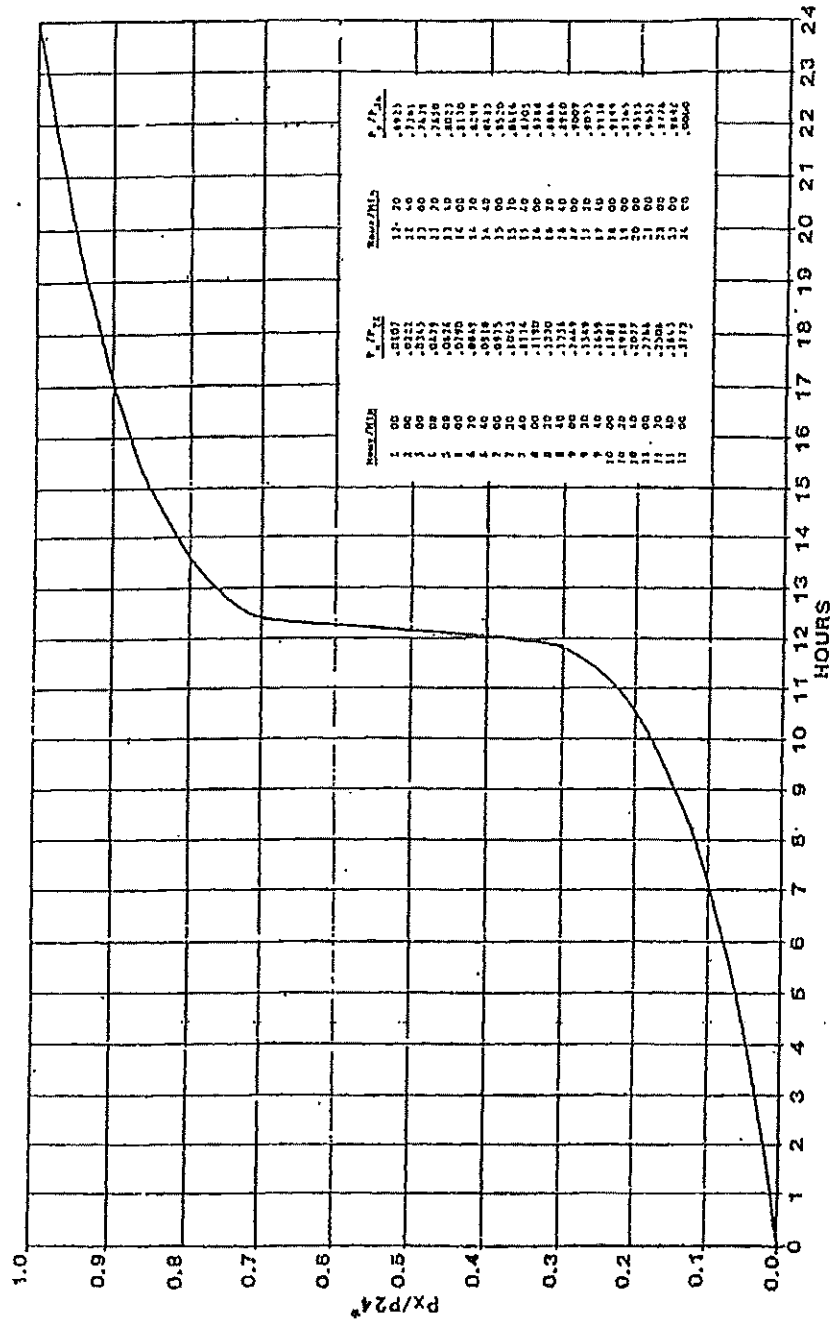
**Township of East Manchester**

**Table 4-1  
Design Storm Rainfall Amount (Inches)**

<b>Design Storm Frequency (years)</b>	<b>24-Hours Rainfall Amount (inches)</b>
1	2.4
2	3.0
5	3.9
10	4.8
25	5.3
50	6.0
100	6.8

# EAST MANCHESTER CODE

Table 4-2  
(SCS) Type II Rainfall Distribution



$P_x/P_{24}$  equals cumulative percentage of rainfall as a fraction of the total 24 hour rainfall.

Source: U.S. Department of Agriculture, Soil Conservation Service, Engineering Division, 1986, Urban Hydrology for Small Watersheds, Technical Release 55, Washington, DC.

# STORMWATER MANAGEMENT

Table 4-3  
NRCS (SCS) Type II Rainfall Distribution — S Curve Tabular Format

Time (hours)	Increment	Time (hours)	Increment	Time (hours)	Increment
0.00	0.0000	10.00	0.1810	20.00	0.9530
0.25	0.0020	10.25	0.1910	20.25	0.9560
0.50	0.0020	10.50	0.2030	20.50	0.9590
0.75	0.0080	10.75	0.2180	20.75	0.9620
1.00	0.0111	11.00	0.2360	21.00	0.9650
1.25	0.0140	11.25	0.2570	21.25	0.9680
1.50	0.0170	11.50	0.2830	21.50	0.9710
1.75	0.0200	11.75	0.3870	21.75	0.9740
2.00	0.0230	12.00	0.6630	22.00	0.9777
2.25	0.0260	12.25	0.7070	22.25	0.9800
2.50	0.0290	12.50	0.7350	22.50	0.9830
2.75	0.0320	12.75	0.7580	22.75	0.9860
3.00	0.0350	13.00	0.7760	23.00	0.9890
3.25	0.0380	13.25	0.7910	23.25	0.9920
3.50	0.0410	13.50	0.8040	23.50	0.9950
3.75	0.0440	13.75	0.8150	23.75	0.9980
4.00	0.0480	14.00	0.8250	24.00	1.0000
4.25	0.0520	14.25	0.8340		
4.50	0.0560	14.50	0.8420		
4.75	0.0600	14.75	0.8490		
5.00	0.0640	15.00	0.8560		
5.25	0.0680	15.25	0.8630		
5.50	0.0720	15.50	0.8690		
5.75	0.0760	15.75	0.8750		
6.00	0.0800	16.00	0.8810		
6.25	0.0850	16.25	0.8870		
6.50	0.0900	16.50	0.8930		
6.75	0.0950	16.75	0.8980		
7.00	0.1000	17.00	0.9030		
7.25	0.1050	17.25	0.9080		
7.50	0.1100	17.50	0.9130		
7.75	0.1150	17.75	0.9180		
8.00	0.1200	18.00	0.9220		
8.25	0.1260	18.25	0.9260		
8.50	0.1330	18.50	0.9300		
8.75	0.1400	18.75	0.9340		
9.00	0.1470	19.00	0.9380		
9.25	0.1550	19.25	0.9420		
9.50	0.1630	19.50	0.9460		
9.75	0.1720	19.75	0.9500		

# EAST MANCHESTER CODE

Table 4-4  
Rational Runoff Coefficients  
By Hydrologic Soils Group and Overland Slope (%)

Land Use	A			B			C			D		
	0-2%	2-6%	6%+	0-2%	2-6%	6%+	0-2%	2-6%	6%+	0-2%	2-6%	6%+
Cultivated land	0.08 <sup>a</sup>	0.13	0.16	0.11	0.15	0.21	0.14	0.19	0.26	0.18	0.23	0.31
	0.14 <sup>b</sup>	0.18	0.22	0.16	0.21	0.28	0.20	0.25	0.34	0.24	0.29	0.41
Feature	0.12	0.20	0.30	0.18	0.28	0.37	0.24	0.34	0.44	0.30	0.40	0.50
	0.15	0.25	0.37	0.23	0.34	0.45	0.30	0.42	0.52	0.37	0.50	0.62
Meadow	0.10	0.16	0.25	0.14	0.22	0.30	0.20	0.28	0.36	0.24	0.30	0.40
	0.14	0.22	0.30	0.20	0.28	0.37	0.26	0.35	0.44	0.30	0.40	0.50
Forest	0.05	0.08	0.11	0.08	0.11	0.14	0.10	0.13	0.16	0.12	0.16	0.20
	0.08	0.11	0.14	0.10	0.14	0.18	0.12	0.16	0.20	0.15	0.20	0.25
Residential lot size 1/8 acre	0.25	0.28	0.31	0.27	0.30	0.25	0.30	0.33	0.38	0.33	0.36	0.42
	0.33	0.37	0.40	0.35	0.39	0.44	0.38	0.42	0.49	0.41	0.45	0.54
Lot size 1/4 acre	0.22	0.26	0.29	0.24	0.29	0.33	0.27	0.31	0.36	0.30	0.34	0.40
	0.30	0.34	0.37	0.33	0.37	0.42	0.36	0.40	0.47	0.38	0.42	0.52
Lot size 1/3 acre	0.19	0.23	0.26	0.22	0.26	0.30	0.25	0.29	0.34	0.28	0.32	0.39
	0.28	0.32	0.35	0.30	0.35	0.39	0.33	0.38	0.45	0.36	0.40	0.50
Lot size 1/2 acre	0.16	0.20	0.24	0.19	0.23	0.28	0.22	0.27	0.32	0.26	0.30	0.37
	0.25	0.29	0.32	0.28	0.32	0.36	0.31	0.35	0.42	0.34	0.38	0.48
Lot size 1 acre	0.14	0.19	0.22	0.17	0.21	0.26	0.20	0.25	0.31	0.24	0.29	0.35
	0.22	0.26	0.29	0.24	0.26	0.34	0.28	0.32	0.40	0.31	0.35	0.46
Industrial	0.67	0.68	0.68	0.68	0.68	0.69	0.68	0.69	0.69	0.69	0.69	0.70
	0.85	0.85	0.86	0.85	0.86	0.86	0.86	0.86	0.87	0.86	0.86	0.88
Commercial	0.71	0.71	0.72	0.71	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
	0.88	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.90	0.89	0.89	0.90
Streets	0.70	0.71	0.71	0.71	0.72	0.74	0.72	0.73	0.76	0.73	0.75	0.78
	0.76	0.77	0.79	0.80	0.82	0.84	0.84	0.84	0.85	0.89	0.91	0.95
Open space	0.05	0.10	0.14	0.08	0.13	0.19	0.12	0.17	0.24	0.16	0.21	0.28
	0.11	0.16	0.20	0.14	0.19	0.26	0.18	0.23	0.32	0.22	0.27	0.39
Parking	0.85	0.86	0.87	0.85	0.86	0.87	0.85	0.86	0.87	0.85	0.86	0.87
	0.95	0.96	0.97	0.95	0.96	0.97	0.95	0.96	0.97	0.95	0.96	0.97

<sup>a</sup> Runoff coefficients for storm recurrence intervals less than 25 years.

<sup>b</sup> Runoff coefficients for storm recurrence intervals 25 years or more.

Source: Rawls, W.J., S.L., Wong and R.H. McCuen, 1981, "Comparison of Urban Flood Frequency Procedures", Preliminary Draft, U.S. Department of Agriculture, Soil Conservation Service, Baltimore, MD.



STORMWATER MANAGEMENT

Table 4-5  
PennDOT Storm Intensity-Duration-Frequency Curves (Region 4)

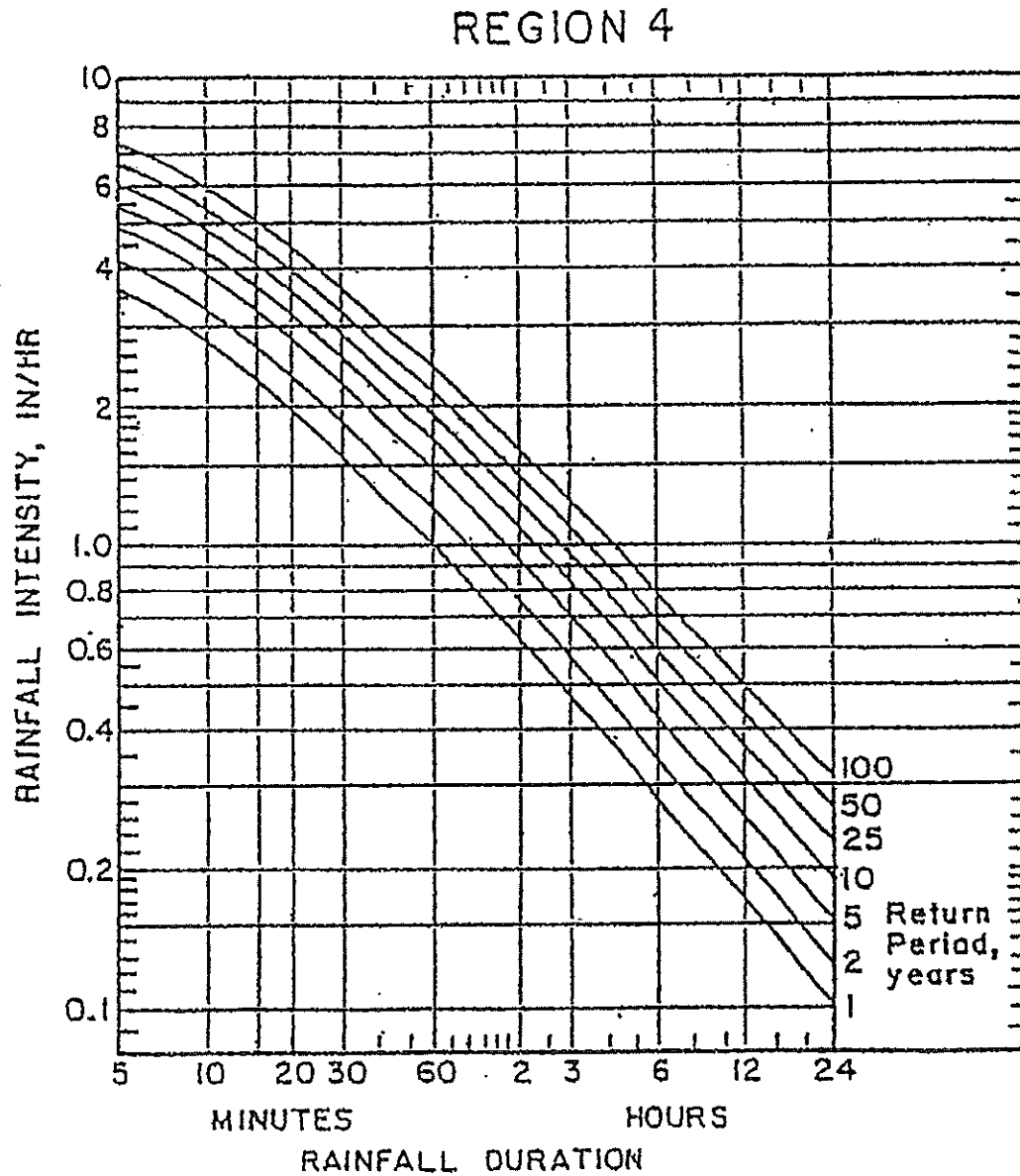


Figure 2.10.4.2(D) Storm intensity-duration-frequency curves for Region 4

# EAST MANCHESTER CODE

**Table 4-6**  
**Runoff Curve Numbers**  
**[From NRCS (SCS) TR-55]**

Land Use Description		Hydrologic Soil Group			
		A	B	C	D
Open space		44	65	77	82
Meadow		30**	58	71	78
Agricultural		59	71	79	83
Forest		36**	60	73	79
Commercial	(85% impervious)	89	92	94	95
Industrial	(72% impervious)	81	88	91	93
Institutional	(50% impervious)	71	82	88	90
Residential					
Average lot size	% Impervious				
1/8 acre or less*	65	77	85	90	92
1/8-1/3 acre	34	59	74	82	87
1/3-1 acre	23	53	69	80	85
1-4 acres	12	46	66	78	82
Farmstead		59	74	82	86
Smooth surfaces (concrete, asphalt, gravel or bare compacted soil)		98	98	98	98
Water		98	98	98	98
Mining newly graded areas (pervious areas only)		77	86	91	94

\* Includes multifamily housing unless justified lower density can be provided.

\*\* Caution – CN values under 40 may produce erroneous modeling results.

NOTE: Site conditions of bare earth or fallow shall be considered as meadow when choosing a CN value for existing undeveloped conditions.

## STORMWATER MANAGEMENT

**Table 4-7**  
**Roughness Coefficients (Manning's "n") for Overland Flow**  
**(U.S. Army Corps of Engineers, HEC-1 Users Manual)**

Surface Description	n
Dense growth	0.4 to 0.5
Pasture	0.3 to 0.4
Lawns	0.2 to 0.3
Bluegrass sod	0.2 to 0.5
Short grass prairie	0.1 to 0.2
Sparse vegetation	0.05 to 0.13
Bare clay-loam soil (eroded)	0.01 to 0.03
Concrete/asphalt	
Very shallow depths (less than 1/4 inch)	0.10 to 0.15
Small depths (1/4 inch to several inches)	0.05 to 0.10

**Roughness Coefficients (Manning's "n") for Sheet Flow**  
**(U.S. Soil Conservation Service Technical Release 55)**

Surface Description	n
Smooth surfaces (concrete, asphalt, gravel, or bare soil)	0.011
Fallow (no residue)	0.05
Cultivated soils:	
Residue cover less than or 20%	0.06
Residue cover greater than 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grasses	0.24
Bermuda grass	0.41
Range (natural)	0.13
Woods:	
Light underbrush	0.40
Dense underbrush	0.80



## Chapter 203

### STREETS, SIDEWALKS AND CURBS

#### ARTICLE I Street Openings

- § 203-1. Permit required.
- § 203-2. Application for permit; fees.
- § 203-3. Issuance of permit.
- § 203-4. Notice of completion of work.
- § 203-5. Inspection; performance of work by Township.
- § 203-6. Violations and penalties.

#### ARTICLE II Driveways

- § 203-7. Permits required.
- § 203-8. Contents of permit application.
- § 203-9. Fees.
- § 203-10. Submission of application to Roadmaster or Engineer.
- § 203-11. Conformance of plans and specifications to standard layout.

- § 203-12. Widths for residential driveways.

- § 203-13. Issuance of permit.
- § 203-14. Rejection of application.
- § 203-15. Violations and penalties.

#### ARTICLE III Sidewalks and Curbs

- § 203-16. Authorization and criteria.
- § 203-17. Design and construction.
- § 203-18. Maintenance and repair.
- § 203-19. Costs.
- § 203-20. Removal of ice and snow.
- § 203-21. Obstruction and hazards.
- § 203-22. Permit, inspections, and construction deadlines.
- § 203-23. Violations and penalties.
- § 203-24. Enforcement officials.

[HISTORY: Adopted by the Board of Supervisors of the Township of East Manchester as indicated in article histories. Amendments noted where applicable.]

#### GENERAL REFERENCES

Uniform construction codes—See Ch. 75.  
Fire prevention and safety—See Ch. 103.  
Sewers and sewage disposal—See Ch. 179.

Subdivision and land development—See Ch. 208.  
Vehicles and traffic—See Ch. 231.  
Construction and material specifications—See Ch. A260.

ARTICLE I  
Street Openings

[Adopted 5-6-1974 by Ord. No. 74-5-6 (Ch. 85, Art. I, of the 1988 Code)]

**§ 203-1. Permit required.**

In accordance with the provisions of § 1156 of Article XI of the Second Class Township Code, as amended,<sup>1</sup> no railroad or street railway shall hereafter be constructed upon any Township road, nor shall any railroad or street railway crossing nor any gas pipe, water pipe, electric conduit or other piping be laid upon or in nor shall any telephone, telegraph or electric light or power pole or any coal tipple or any other obstruction be erected upon or in any portion of a Township road except under such conditions, restrictions and regulations relating to the installation and maintenance thereof as may be prescribed in permits granted by the Township for such purpose.

**§ 203-2. Application for permit; fees.**

The application for a permit shall be on a form prescribed by the Township and submitted to the Township in triplicate. The application shall be accompanied by a fee in accordance with the schedule of fees set forth by the Department of Transportation for highway occupancy permits and restoration charges. In addition, the applicant shall submit three copies of a sketch showing such dimensions as the location of the intended facility, width of the traveled roadway, right-of-way lines and a dimension to the nearest intersecting street.

**§ 203-3. Issuance of permit.**

A permit shall be issued to the applicant after all the aforementioned requirements have been filed.

**§ 203-4. Notice of completion of work.**

Upon completion of the work, the applicant shall give written notice thereof to the Township.

**§ 203-5. Inspection; performance of work by Township.<sup>2</sup>**

- A. Upon completion of the work authorized by the permit, the Township shall inspect the work and, when necessary, enforce compliance with the conditions, restrictions and regulations prescribed by the permit. In addition to that inspection, the Board of Supervisors or its agents may reinspect the work not more than two years after its completion, and if any settlement of the road surface or other defect appears in the work contrary to the conditions, restrictions and regulations of the Township, the Board of Supervisors may enforce compliance therewith.

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1. Editor's Note: See 53 P.S. § 67322.

2. Editor's Note: Amended at time of adoption of Code (see Ch. 1, General Provisions, Art. I).

- B. Where any settlement or defect in the work occurs, if the applicant shall fail to rectify any such settlement or other defect which presents an immediate or imminent safety or health problem within 48 hours or any other defect within 60 days after written notice from the Township to do so, the Township may do the work and shall impose upon the applicant the cost thereof, together with an additional 20% of such cost.

§ 203-6. Violations and penalties. [Amended 4-12-1988 by Ord. No. 4-12-88; 11-7-1989 by Ord. No. 12-13-88B; 5-14-1996 by Ord. No. 5-14-96; 2-19-1997 by Ord. No. 2-19-97A]

Any person who violates any provisions of this article shall commit a criminal offense, and shall, upon being found guilty by a Magisterial District Judge, after hearing, pay a fine not to exceed \$1,000, together with all court costs as permitted by law. In default of payment thereof, the defendant may be sentenced to imprisonment for a term not exceeding 90 days. Each day of violation shall constitute a separate offense, which shall be subject to prosecution as such. For purposes of this section, the Board of Supervisors of East Manchester Township hereby appoints the Township Manager, Secretary, Zoning Officer, Permit Officer or Codes Enforcement Officer as authorized representatives, any one of whom may commence and pursue enforcement proceedings pursuant to this section.

## ARTICLE II

### Driveways

[Adopted 4-7-1975 by Ord. No. 4-7-75A (Ch. 85, Art. II, of the 1988 Code)]

§ 203-7. Permits required. [Amended 11-12-1979 by Ord. No. 11-12-79A]

No person, firm or corporation shall hereinafter construct, build, establish or maintain any driveway or private egress or ingress onto private lands from any public highway of East Manchester Township or entrance onto any such highway from private lands without first having obtained a written permit to do so from the Secretary of East Manchester Township and without first obtaining a building permit and without first obtaining a sewage permit, where applicable to the work contemplated on such property. No such permit shall be issued for the construction, establishment or maintenance of any such driveway except in accordance with provisions herein contained.

§ 203-8. Contents of permit application.

Any person, firm or corporation desiring to establish or construct an entrance onto a public road of the Township as referred to in § 203-7 hereof shall file with the Secretary of the Township a written application for the establishment thereof. Such application shall set forth the exact location of the driveway or entrance so to be constructed or established, the grade of the same to or from the public road as related to the private land which shall be connected thereby to the public road, the existing surface drainage, the material with which the public road is presently surfaced and the material with which the proposed driveway or entrance is to

3. Editor's Note: Amended at time of adoption of Code (see Ch. 1, General Provisions, Art. I).

be surfaced. The applicant shall, in addition, provide such other and further information as the Secretary shall require for the intelligent consideration of the application.

**§ 203-9. Fees. [Amended 4-12-1988 by Ord. No. 4-12-88]**

Before any work shall be started and before said permit shall be issued, the applicant shall pay to the Township an inspection fee for all new construction and a resurfacing fee as set forth from time to time by the Board of Supervisors.<sup>4</sup>

**§ 203-10. Submission of application to Roadmaster or Engineer.**

Upon receipt of such application and payment of fees as provided for herein, the Secretary shall refer said application to the Township Roadmaster or Township Engineer for inspection and recommendation.

**§ 203-11. Conformance of plans and specifications to standard layout.**

All plans and specifications must conform to those requirements which the Township Engineer from time to time may deem appropriate and as are more fully set forth in a standard layout prepared by the Township Engineer. A copy of said plans and specifications and standard layout shall be available at the Township office, and a copy of which shall be given to the applicant upon his/her making application pursuant to § 203-8 herein.

**§ 203-12. Widths for residential driveways. [Amended 6-12-1978 by Ord. No. 6-12-78B]**

The widths of the driveways for residential or dwelling houses shall not be less than nine feet nor more than 25 feet at the outer or street edge of the driveway where it intersects with any roadway.

**§ 203-13. Issuance of permit.**

The Board of Supervisors shall receive the recommendation of the Township Roadmaster or Engineer, which shall be advisory, and if, in its discretion, it appears that the driveway, as proposed, may be established with due regard to the safety of the pedestrians and vehicular traffic and with regard to the drainage condition then in existence or as contemplated, the permit to establish or construct or alter the driveway shall be issued; otherwise, such application shall be denied.

**§ 203-14. Rejection of application.**

The Board of Supervisors shall, in its discretion, have the right to reject any application or any part thereof and to require the applicant to comply with any standards or provisions which it may, in its sole discretion, deem to be necessary for the protection of the health, safety or general welfare of the residents of the Township for vehicular traffic.

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<sup>4</sup>. Editor's Note: The fee schedule is available in the Township offices.



§ 203-15. Violations and penalties. [Amended 4-12-1988 by Ord. No. 4-12-88; 11-7-1988 by Ord. No. 12-13-88B; 5-4-1996 by Ord. No. 5-14-96; 2-19-1997 by Ord. No. 2-19-97A<sup>5</sup>]

Any person who violates any provisions of this article shall commit a criminal offense, and shall, upon being found guilty by a Magisterial District Judge, after hearing, pay a fine not to exceed \$1,000, together with all court costs as permitted by law. In default of payment thereof, the defendant may be sentenced to imprisonment for a term not exceeding 90 days. Each day of violation shall constitute a separate offense, which shall be subject to prosecution as such. For purposes of this section, the Board of Supervisors of East Manchester Township hereby appoints the Township Manager, Secretary, Zoning Officer, Permit Officer or Codes Enforcement Officer as authorized representatives, any one of whom may commence and pursue enforcement proceedings pursuant to this section.

### ARTICLE III

#### Sidewalks and Curbs

[Adopted 2-17-1993 by Ord. No. 2-17-93; amended in its entirety 7-8-2003 by Ord. No. 2003-4 (Ch. 85, Art. III, of the 1988 Code)]

#### § 203-16. Authorization and criteria.

The Township is hereby authorized to require sidewalks and curbs along public streets and roads of the Township, under the following criteria:

- A. For all subdivision and land development plans filed with East Manchester Township on or after July 13, 2003, sidewalks and curbs shall be required on both sides of all streets within or bordering the subdivision or land development, applying the criteria in §§ 208-47, 208-55 and 208-56 of Chapter 208, Subdivision and Land Development, of the Code of the Township of the East Manchester, unless the Board of Supervisors of the Township determines in their sole discretion to delay such construction pursuant to Subsection B.
  - (1) For all subdivisions or land developments for which sidewalks and curbs are required as part of the subdivision approval pursuant to § 208-47, all sidewalks and curbs shall be required to be completed before a use and occupancy permit will be issued for each property, or within five years of the final subdivision approval pursuant to Chapter 208, Subdivision and Land Development, whichever first occurs.
- B. For all subdivisions and land development plans filed after July 13, 2003, for which the immediate construction of sidewalks and curbs is not a condition of approval, pursuant to Subsection A, the Board of Supervisors of the Township shall require a note to be placed on the subdivision or land development plan prior to approval of the plan stating that the Board shall have the right to order the placement of sidewalks and/or curbs within the subdivision or land development as they shall deem appropriate, by the property owner and at the property owner's expense. In the event that the Board shall in the future require sidewalks and/or curbs pursuant to this subsection, the note, Subsection C, or Chapter 208, Subdivision and Land Development, such action shall be by a motion of the

5. Editor's Note: Amended at time of adoption of Code (see Ch. I, General Provisions, Art. I).

Board of Supervisors duly approved at a public meeting. Such motion shall give the property owner six months to construct the required sidewalks and/or curbs.

- C. This article shall also apply to all subdivisions or land development plans filed or approved prior to July 13, 2003, on which a sidewalk note was placed at the time of approval.

#### § 203-17. Design and construction.

Such sidewalks and curbs as shall be required pursuant to this article or § 208-47 shall be built pursuant to East Manchester Township's Construction and Materials Specifications for Land Development Manual<sup>6</sup> adopted by the Board of Supervisors by resolution, as may be amended from time to time by resolution. All such construction shall include the restoration to at least preconstruction condition of any and all streets or ground disturbed as a result of such construction.

#### § 203-18. Maintenance and repair.

The property owner on whose property any sidewalk and/or curb sits, or, if none, the property owner along whose property the sidewalk and curb runs, shall be responsible for maintaining and repairing all sidewalks and curbs, which shall include repair or replacement of said sidewalks and curbs. The Township reserves the right to determine and direct the extent and nature of the repairs required, in its sole discretion. In the event that the Township notifies an owner of required maintenance or repair on said sidewalks and/or curbs, said sidewalks and/or curbs or the portion of said sidewalks and/or curbs which the Township designates for maintenance or repair, must be repaired by the property owner within 30 days after notice by the Township of the requirement for the maintenance or repair, subject to the permitting requirements of § 203-22. However, if such maintenance or repair is required between or during the months of December through February, such maintenance or repairs shall be completed by March 31, unless that time is extended by the Codes Enforcement Officer as a result of inclement weather conditions which, in the sole discretion of the Codes Enforcement Officer, made such maintenance or repairs impossible by March 31.

#### § 203-19. Costs.

All costs for construction of said sidewalks and curbs shall be paid for by the property owner on whose property the sidewalks or curbs are constructed, or, if none, by the property owner along whose property the curbs and sidewalks are constructed, unless waived by the Township Board of Supervisors. Such property owner shall also bear the cost of maintenance and/or repairs of said sidewalks and curbs.

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6. Editor's Note: See Ch. A260, Construction and Material Specifications.

**§ 203-20. Removal of ice and snow.**

- A. All sidewalks shall be kept in an ice- and snow-free condition at all times, and the landowner on whose property the sidewalk is located, or, if none, the property owner along whose property the sidewalk runs, shall have 24 hours after a snow storm or weather event ceases which causes the buildup of snow or ice on the sidewalk to remove said snow or ice for the width of the sidewalk for the entire length of the sidewalk which is on or abuts the landowner's property.
- B. Notwithstanding the provisions of §§ 203-21 and 203-23, the Codes Enforcement Officer shall have the authority to issue a citation for violation of this section, and, after conviction by a Magisterial District Judge, the violator shall pay a fine of \$50 plus costs for the first offense within a season, and \$100 for each subsequent offense within a season. For purposes of this section, a season shall be described as the months of October through April. Each day the snow or ice remains on the sidewalk shall constitute a separate and distinct offense.
- C. No notice shall be required from or on behalf of the Township prior to the issuance of a citation under this section.

**§ 203-21. Obstruction and hazards.**

- A. All sidewalks shall be kept free from all obstructions or hazards, whether temporary or permanent, including, but not limited to, bushes, shrubs, foliage, or basketball hoops or other structures extending out over the sidewalk, or which interfere with unimpeded travel on the sidewalks.
- B. Notice by the Township of the requirement to remove such obstruction shall be given by the Township by placing a notice on the obstruction, if appropriate, and by placing a notice on the door of the principal building on the tract as determined by the Township.
  - (1) Such notice shall advise the property owners that, if they fail to remove the obstruction or hazard within 48 hours, then the Township will enter onto the premises and remove the obstruction or hazard, that the Township will bill the property owners for the cost of such removal, if appropriate, that the obstruction or hazard will be removed to the Township building and stored for no more than 30 days, that the property owners will have the right to retrieve the structure that was removed, that the property owners will have to pay the cost of removal prior to retrieving the removed structure, and that the property will be disposed of after 30 days if unclaimed.
- C. In the event that the property owners do not remove the obstruction or hazard within 48 hours after the issuance of the notice by the Township, then the Township shall be authorized to enter onto the sidewalk and remove said nuisance or hazard, either by trimming bushes, shrubs, or foliage, or by removing the structure. In the event that the Township or its personnel deem the obstruction or hazard to constitute an immediate danger to all or a portion of the public, then the Township may, in its discretion, remove or move the obstruction or hazard immediately, without prior notice to the property owners. In that event, the Township shall take the minimum action which in its sole

discretion it deems necessary to remove the immediate danger, and shall notify the property owners of its action and the obstruction or hazard as otherwise required by this section. Any structures removed from the premises will be taken to the Township building, and can be retrieved by the owner upon payment of the costs to the Township for such removal, including the wages of the employees needed to move the structure, and the equipment costs necessary to move the structure. The Township shall notify the property owners of the removal of the obstruction by posting a notice on the door of the principal structure on the premises as determined by the Township. Any property not collected within 30 days after removal of the structure shall be disposed of by the Township. The Township shall bear no liability for damages done to any structure while removing an obstruction, or while the structure that was moved is being transported or stored by the Township.

- D. Notwithstanding the provisions of §§ 203-20 and 203-23, the Codes Enforcement Officer shall have the authority to issue a citation for violation of this section, and, after conviction by a Magisterial District Judge, the violator shall pay a fine of \$50 plus costs.
- E. In addition to any penalties set forth in Subsection D, the Township shall have the right, either in addition to or instead of penalties available under Subsection D, to collect the costs of removal of such obstruction or hazard by any means lawfully available to it, including, but not limited to, the placing of a municipal lien on the property, an action against all property owners for the cost of removal of the obstruction or hazard, and any and all costs of collection, including inspection, enforcement, and attorney's fees and costs.

**§ 203-22. Permit, inspections, and construction deadlines.**

- A. Prior to the construction or replacement of any sidewalk or curb, or any portion thereof, the property owner and the contractor performing such construction shall be responsible for obtaining a permit from the Township's Codes Enforcement Officer. In applying for the permit, the property owner or the contractor shall provide a drawing or sketch plan showing the location of all curbs and sidewalks to be constructed.
- B. There shall be a fee for the issuance of the sidewalk permit, which fee shall be set by resolution of the Board of Supervisors from time to time.<sup>7</sup>
- C. As part of the permitting process, the following inspections shall be conducted by the Codes Enforcement Officer:
  - (1) An inspection after the stone base has been laid and the forms have been built, but before any concrete is poured.
  - (2) A final inspection after the concrete has been poured and before the forms have been removed.
  - (3) After the restoration of any streets or ground which have been disturbed as a result of the construction of the sidewalk or curb.

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7. Editor's Note: The fee schedule is available in the Township offices.

- D. All permits issued shall be for a period not to exceed three months, and all inspections required pursuant to this section shall be completed prior to the expiration of the permit. Property owners or contractors shall be granted one permit extension for an additional three months as of right upon application for such extension to the Codes Enforcement Officer. Any additional extensions shall be at the discretion of the Board of Supervisors.

§ 203-23. Violations and penalties.

- A. Failure to comply with this article or, when appropriate, with §§ 208-47, 208-55 and 208-56 of Chapter 208, Subdivision and Land Development, as amended, shall constitute a violation of this article.
- B. Except for violations pursuant to §§ 203-20 and 203-21, upon finding of a violation of this article by a Magisterial District Judge in a summary criminal proceeding, then the Magisterial District Judge may assess a fine against the violator in an amount of up to \$1,000 per day, except as otherwise specified in this article. In default of payment thereof, the defendant may be sentenced to imprisonment for a term not exceeding 90 days. Each day of violation shall constitute a separate and distinct violation.<sup>8</sup>
- C. Nothing in this article shall prevent the Township, either in addition to or instead of penalties available under Subsection B, at its sole discretion, from entering onto the property and constructing or repairing the required sidewalks and/or curbs at any time after the six months' notice period has expired. In the event the Township does so, it may collect the costs of such construction and any and all costs of collection, including inspection, enforcement, and attorneys' fees, and costs, by any means lawfully available to it, including, but not limited to, the placing of a municipal lien on the property, an action against all property owners for the cost of the installation of the sidewalks and/or curbs, subject to the following:
- (1) Prior to commencing the work authorized by this subsection, the Township shall first notify the property owner of its intention to commence the work and the date on or after which it intends to commence the work, by sending such notice to all property owners at the address listed in the East Manchester Township tax assessment book, and at the property address if different, of its intention to commence the construction. Such notice shall identify the property in question, shall outline in a general way the scope of work which will be commenced, shall state the date on or after which construction shall commence, shall advise the landowners that they will be obligated to pay for such construction, shall advise them of the penalties for noncompliance, and shall advise them that they have 14 days from the date of the notice to notify the Township that they have made alternate arrangements for such construction, and the date on which such construction will commence. In the event that the work is not commenced on the specified commencement date, or on any extension of that date granted by the Township, then the Township may enter onto the property as authorized by this subsection upon seven days' notice to the property owner.

8. Editor's Note: Amended at time of adoption of Code (see Ch. 1, General Provisions, Art. I).

**§ 203-24. Enforcement officials.**

For purposes of this article, the Codes Enforcement Officer shall be that person designated by the Township to enforce the provisions of this Code, which shall include the Township Secretary, the Township Manager, if any, and the Township Zoning Officer, or any other person so authorized by the Board of Supervisors from time to time.

SPRING 2021

EAST MANCHESTER TOWNSHIP DEPARTMENT OF PUBLIC WORKS

BITUMINOUS SURFACE CLEANING ACTIVITY - STREET SWEEPING

MS4 - MCM 6 -

STREET NAME	DATE CLEANED	EQUIPMENT USED	LOADS OF DEBRIS/COLLECTED	Tons <del>of</del>
Steamboat	3-15-21	Sweeper	1	.5
Bashore School	3-15-21	S	1	.5
Willow Springs	3-16-21		1	1.5
Shady Lane	3-16-21		1	.25
Brickyard	3-16-21		1	.5
Barrett	3-16-21		1	1
Sweet, Leach, Dewco	3-19-21		1	1.5
Espresso	3-25-21		2	3
Forge Hill	3-25-21		1	.5
Canaan	3-29-21		2	3
Manchester	3-29-21		1	1
Park	3-30-21		1	1
Hill St	3-30-21		1	.5
Old School Ln	3-30-21		1	.5
Board Rd	3-30-21		1	1
Meeting House	3-31-21		1	.5
Chestnut St	3-31-21		1	.5
River View	3-31-21		2	1.5
Hillview	4-1-21		1	1
Jerusalem School	4-1-21		4	1.5
Jerusalem School	4-5-21		1	1.5
Delinger	4-5-21		2	1.5
Delinger Ct/ Forge Hill Ct	4-6-21		1	.5
Blossom	4-6-21		1	1
Bryleg	4-7-21		1	.5
Mundy Race	4-7-21		2	1.5
Poplar	4-7-21		1	.5
Don Rene/ Bonita	4-7-21		2	1
Morsehoe	4-8-21		1	.25
Apple tree/ Laurel	4-8-21		1	1
Hackberry/ old hickory	4-9-21		1	.5
Bitternut/ Sweet gum	4-9-21		1	.5
Silver maple/ beech tree	4-9-21		1	.5
Oak/ Acorn	4-9-21		1	.5
Northern Heights	4-12-21		1	1
Catalina	4-12-21		1	.25
Asbury Point Development	4-13-21		4	2.5
Saginaw (All)	4-14-21		3	1.5
Chestnut valley development	4-15-21		3	2
Lynn, Becky, Stephanie	4-16-21		1	1
Rent Zels Development	4-16-21		2	1.5
Orchardview Development	4-16-21		1	1
Greenfields Developments	4-19-21		3	1.5
Smith Gardens	4-19-21		2	1.5
Greenwood Development	4-20-21		3	2
Sweitzer/ Griffith/ Finks	4-21-21		2	2

CRACK PATCHING

## MS4 - MCM 6 -

[illegible]



KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KTN66A14

05/21/21 08:16 AM

3782

311  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dump

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
EM13

GROSS 38800 lb 19.40 TN

TARE 18220 lb 9.11 TN

NET 20580 lb 10.29 TN \* Manual Weight

LOADS TODAY: 2

QUANTITY TODAY: 30.04

19646  
Dumping

Weightmaster: B Wright 89604 Driver: *Wright*  
WHITE - ORIGINAL CANARY - COPY

Received By: *Wright*  
PINK - COPY GOLD - COPY

KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KTN66A14

05/21/21 08:14 AM

3782

311  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dump

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
EM11

GROSS 62280 lb 31.14 TN

TARE 22780 lb 11.39 TN

NET 39500 lb 19.75 TN

LOADS TODAY: 1

QUANTITY TODAY: 19.75

19646  
Dumping

Weightmaster: B Wright 89604 Driver: *B Wright*  
WHITE - ORIGINAL CANARY - COPY

Received By: *B Wright*  
PINK - COPY GOLD - COPY

KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KING66A14

05/20/21

08:22 AM

377926

811  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dump

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
LMT3

GROSS 57500 lb 28.25 TN

TARE 18220 lb 9.11 TN

NET 39280 lb 19.64 TN \* Manual Weight

LOADS TODAY:

QUANTITY TODAY: 19.64 TN

19646

Dumping

Weighmaster: B Wright 89604 Driver: *N. Hindal*  
WHITE - ORIGINAL CANARY - COPY

Received By: *N. Hindal*  
PINK - COPY

GOLD - COPY

KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KING66A14

05/20/21

08:23 AM

377926

811  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dump

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
LMT11

GROSS 38260 lb 19.13 TN

TARE 22780 lb 11.39 TN

NET 15480 lb 7.74 TN

LOADS TODAY:

QUANTITY TODAY: 27.38 TN

19646

Dumping

Weighmaster: B Wright 89604 Driver: *N. Hindal*

Received By: *N. Hindal*

PINK - COPY

GOLD - COPY

KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KIN66A14

05/20/21 10:06 AM

377999

811  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dump

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
EMT11

GROSS 55920 lb 27.96 TN  
TARE 22780 lb 11.39 TN  
NET 33140 lb 16.57 TN

LOADS TODAY: 3  
QUANTITY TODAY: 43.95 TN

19646  
Dumping

Weighmaster: B Wright 89604 Driver: *[Signature]* Received By: \_\_\_\_\_

WHITE - ORIGINAL

CANARY - COPY

PINK - COPY

GOLD - COPY

KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KIN66A14

05/20/21 10:07 AM

378001

811  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dump

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
EMT3

GROSS 36940 lb 18.47 TN  
TARE 18220 lb 9.11 TN  
NET 18720 lb 9.36 TN \* = Manual Weight

LOADS TODAY: 4  
QUANTITY TODAY: 53.31 TN

19646  
Dumping

Weighmaster: B Wright 89604 Driver: *[Signature]* Received By: \_\_\_\_\_

CANARY COPY

PINK COPY

GOLD COPY

KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KIN66A14

06/20/21 12:28 PM

378111

811  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dumpi

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
EMT11

GROSS 58460 lb 29.23 TN  
TARE 22780 lb 11.39 TN  
NET 35680 lb 17.84 TN

LOADS TODAY: 6  
QUANTITY TODAY: 71.15 TN

19646  
Dumping

Weighmaster: B Wright 89604 Driver: N. Hinder Received By: \_\_\_\_\_  
WHITE-ORIGINAL CANARY-COPY PINK-COPY GOLD-COPY

KINSLEY MATERIALS  
PO BOX 2886  
YORK PA 17405

PenRoc Quarry  
425 PenRoc Dr  
York, PA 17405  
(717)846-6711

KIN66A14

06/20/21 12:29 PM

378112

811  
East Manchester Township  
5080 North Sherman Street Ext.  
Mount Wolf PA 17347

Dumping  
East Manchester Township Dumpi

DAP Dump Clean Asphalt P

0 SELF CARRIERS  
EMT3

GROSS 39440 lb 19.72 TN  
TARE 18220\*lb 9.11\*TN  
NET 21220 lb 10.61 TN \* = Manual Weight

LOADS TODAY: 6  
QUANTITY TODAY: 81.76 TN

19646  
Dumping

Weighmaster: B Wright 89604 Driver: N. Hinder Received By: \_\_\_\_\_  
WHITE-ORIGINAL CANARY-COPY PINK-COPY GOLD-COPY

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 1-6-20	REG HOURS	COMP/PAY	MATERIALS
Loaded scrap metal	2		
Laser level class with Byron T.	2		
King St. repaired broken pipe	2		
Office work	2		
CLEAR / RAIN SNOW TEMP			
TOTAL	8		
NAME: Josh Feaser			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 1-6-2021	REG HOURS	COMP/PAY	MATERIALS
clean up meat	2		
class with Byron	2		
Fix pipe on king street	3		
Help work in office	1		
CLEAR RAIN SNOW TEMP			
TOTAL	8		
NAME: Nolan group			



# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 8-3-20	REG HOURS	COMP/PAY	MATERIALS
ROADSIDE MOW RIVERVIEW,	6		
STREET CLEAN, STONES OFF OF J-SCHOOL RD.			
BLOSSOM	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: William L. D. D.			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 8-3-20	REG HOURS	COMP/PAY	MATERIALS
Tiger Mow Blossom	2		
Check drains	2		
Took 10 wheeler to Corish	.5		
Took truck #3 to Rupperts	.5		
Clean everything with disinfect.	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Mark			

# EAST MANCHESTER TWP PUBLIC WORKS 2020 EMPLOYEES DAILY TIME REPORT

DATE: 8-3-20	REG HOURS	COMP/PAY	MATERIALS
Checked and cleaned pipes and catch basins	4		
Messick's for parts	3		
Cleaned shop	1		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Josh Finger			

# EAST MANCHESTER TWP PUBLIC WORKS 2020 EMPLOYEES DAILY TIME REPORT

DATE: 8-4-20	REG HOURS	COMP/PAY	MATERIALS
CHECK DRAINS	1		
MEETING ABOUT COVID	1		
HELP FIX REAR MOWER SD 5/100 E	3		
Clean up Shop	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>			
NAME: Willie creep			



# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 8-4	REG HOURS	COMP/PAY	MATERIALS
Check drains	1		
Meeting about COVID	1		
Fix rear manhole JDS/LOOE	3		
Clear up shop	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 8/12	REG HOURS	COMP/PAY	MATERIALS
Ditch up pipe at D.B. Kreis	2		
Install inlet box	6		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
8-5-20	SAGINAW	GRASS WAS NOT MOWED 7-27-31-2020	1.0	YES <input checked="" type="checkbox"/>
Check The Dogi for Bag - Check The TRASH BAG - RAKE MULCH AROUND AT The Swing Set AND PLAY AREA.				
8-5-20	DAUBERTON	GRASS WAS MOWED 8-5-2020	1.0	X
CHANGE Dogi for BAG - Check The TRASH BAG - Check The PLAY AREA.				
8-5-20	PPL	GRASS WAS NOT MOWED 7-27-31-2020	1.0	X
Change Dogi for BAG'S - Check TRASH AREA - Check The TRASH BARREL.				
8-5-20	MANCHESTER	GRASS WAS MOWED 7-30-2020	1.0	X
Change TRASH BAG'S AS Needed - Pick UP TRASH OUT OF The GRASS.				
8-5-20	POPLAR LANE	GRASS WAS NOT MOWED 7-27-31-2020	0.5	X
Check Catch Basins - Check HYDRANT Flags - Check STREET Signs.				
8-5-20	TOWNSHIP	GRASS WAS NOT MOWED 7-27-31-20	—	—
TOTAL:				
NAME: NEVIN BRENNEMAN			4.5	

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
8-10-20	SAGINAW GRASS	Was Mowed 8-5-2020	1.0	YES <input checked="" type="checkbox"/>
Change The TRASH BAG - Change The Dogi Pot Bag - Pick UP TRASH AND STICKS UP OUT OF THE GRASS AND PLAY AREA.				
8-10-20	DAUBERTON GRASS	Was Mowed 8-5-2020	1.0	<input checked="" type="checkbox"/>
Check Dogi Pot Bag - Check The TRASH BAG - Pick UP TRASH OUT OF THE GRASS.				
8-10-20	PPL GRASS	Was Mowed 8-6-7-2020	1.0	<input checked="" type="checkbox"/>
Change Dogi Pot Bags - Check The TRASH AREA.				
8-10-20	MANCHESTER GRASS	Was Mowed 8-5-6-2020	1.5	<input checked="" type="checkbox"/>
Change TRASH BAGS AS Needed - Pick UP Bottles AND TRASH OUT OF THE GRASS.				
8-10-20	POPLAR LANE GRASS	Was Mowed 8-5-2020	.5	<input checked="" type="checkbox"/>
Check STREET SIGNS - Check CATCH BASINS - Check HYDRANT FLAGS.				
8-10-20	TOWNSHIP GRASS	Was Mowed 8-5-2020	—	<input checked="" type="checkbox"/>
TOTAL:				
			5.0	
NAME: NEVIN BRENNEMAN				

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
8-17-20	SAGINAW	GRASS WAS Mowed 8-12-2020	1.0	YES <input checked="" type="checkbox"/>
Check Dogi pot Bag - Check The TRASH Bag - RAKE MULCH AROUND UNDER THE SWINGS AND PLAY AREA - PICK UP STICKS OUT OF THE GRASS.				
8-17-20	DAUBERTON	GRASS WAS Mowed 8-12-2020	1.0	<input checked="" type="checkbox"/>
CHANGE Dogi pot Bag - Change The TRASH Bag - PICK UP BOTTLES AND TRASH OUT OF THE GRASS.				
8-17-20	PPL	GRASS WAS Mowed 8-13-14-2020	1.0	<input checked="" type="checkbox"/>
PICK UP TRASH BAG'S - Check Dogi pot Bag's.				
8-17-20	MANCHESTER	GRASS WAS Mowed 8-14-2020	1.5	<input checked="" type="checkbox"/>
CHANGE TRASH BAG'S AS NEEDED - PICK UP BOTTLES OUT OF THE GRASS.				
8-17-20	POPLAR LANE	GRASS WAS Mowed 8-12-2020 -	0.5	<input checked="" type="checkbox"/>
CHECK STREET Signs - Check HYDRANT FLAGS - CHECK STORM DRAINS				
8-17-20	TOWNSHIP	GRASS WAS Mowed 8-12-2020	—	<input checked="" type="checkbox"/>
TOTAL:				
NAME: NEVIN BRENNEMAN			5.0	

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
8-24-20	SAGINAW	GRASS WAS Mowed 8-19-2020	1.0	YES <input checked="" type="checkbox"/>
Check Dogi Pot Bag - Check The TRASH BAG - RAKE MULCH AROUND - IN The Swing AREA - PICK UP TRASH OUT OF The GRASS. (TRASH BAG'S WERE SET ON FIRE)				
8-24-20	DAUBERTON	GRASS WAS Mowed 8-19-2020	1.0	<input checked="" type="checkbox"/>
Change Dogi Pot BAG - Change The TRASH BAG - PICK UP TRASH OUT OF The GRASS.				
8-24-20	PPL	GRASS WAS Mowed 8-20-2020	1.0	<input checked="" type="checkbox"/>
Change Dogi Pot BAG - Check The TRASH BAG AREA.				
8-24-20	MANCHESTER	GRASS WAS Mowed 8-20-21-20	1.5	<input checked="" type="checkbox"/>
CHANGE TRASH BAG'S AS NEEDED - PICK UP BOTTEL'S OUT OF The GRASS.				
8-24-20	POPLAR LANE	GRASS WAS Mowed 8-19-2020	0.5	<input checked="" type="checkbox"/>
CHECK STREET SIGNS - CHECK HYDRANT FLAGS - CHECK STORM DRAINS.				
8-24-20	TOWNSHIP	GRASS WAS Mowed 8-19-2020	—	<input checked="" type="checkbox"/>
TOTAL:				
NAME: NEVIN BRENNEMAN			5.0	

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 8-12-2020	REG HOURS	COMP/PAY	MATERIALS
PAINT GATE ON WAGO END OF GUT RD.	7.0		
CLEAN STORM DRAINS ON DONRENE.	1.0		
CLEAN STORM DRAIN ON J-School Rd.			
CLEAR _____ RAIN _____ SNOW _____ TEMP _____			
TOTAL	8.0		
NAME: NOVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 8-31-20	REG HOURS	COMP/PAY	MATERIALS
Dirt work, seed, straw Paws Paw Saginaw	3		
Formed sidewalk for concrete Paws Paw	2		
Dug drain box on Dellinger from sinkhole	2		
Worked on jumping jacks	1		
CLEAR _____ RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Josh Teaser			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 8/31	REG HOURS	COMP/PAY	MATERIALS
Dirt work in Ssginar	5		
Dug inlet box sinkhole on Dellinger	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 8-31-2020	REG HOURS	COMP/PAY	MATERIALS
CHANGE THREE TRASH BAGS ON GUT RD.	1.0		
CLEAN STORM DRAINS ON Meeting House Rd.	0.5		
CLEAN STORM DRAINS ON YORK ST.			
WASH TRUCK # 4	0.5		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	2.0		
NAME: NEVIN BRENNEMAN			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE:	REG HOURS	COMP/PAY	MATERIALS
8-31-20			
dug Saginaw/ Seeded	4		
dug drain on dellinger	2		
Practiced in loader	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Conner Slanker			



# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
8-31-20	SAGINAW	GRASS WAS MOWED 8-26-2020	1.5	YES NO
Check Dogi Pot Bag - Check The TRASH BAG - PICK STICKS AND BRANCHES OUT OF THE GRASS - RAKE MULCH AROUND UNDER THE SWINGS. BLOW OFF UNDER THE PAVILION AND PLAY AREA BENCHES.				
8-31-20	DAUBERTON	GRASS WAS MOWED 8-26-2020	1.5	X
CHANGE Dogi Pot Bag - Check The TRASH BAG - RAKE THE MULCH - AROUND ON THE PLAY AREA - BLOW PARKING LOT OFF - BLOW UNDER THE PAVILION AND WALK WAY - BLOW OFF STEPS FOR SLIDING BOARD				
8-31-20	PPL	GRASS WAS MOWED 8-27-2020	1.0	X
CHANGE Dogi Pot Bags - CHANGE THE TRASH BAG - PICK UP THE TRASH BAG OUT OF THE FENCE AREA.				
8-31-20	MANCHESTER	GRASS WAS MOWED 8-27-20	1.5	X
CHANGE TRASH BAGS AS NEEDED				
8-31-20	POPLAR LANE	GRASS WAS MOWED 8-26-2020	0.5	X
CHECK STREET MARKERS - CHECK STORM DRAINS - CHECK HYDRANT FLAGS.				
8-31-20	TOWNSHIP	GRASS WAS MOWED 8-26-20	—	X
TOTAL:				
NAME: Kevin BRENNEMAN			6.0	

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 9-2-20	REG HOURS	COMP/PAY	MATERIALS
Concrete work Saginaw / Paw Paw Sidewalk	2		
Dellinger Rd drain box	2		
Moved concrete block to make walls in upper yard	4		
CLEAR _____ RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Josh Feaser			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 9-3-20	REG HOURS	COMP/PAY	MATERIALS
Blacktop drain box Dellinger Rd	3		
Pulled forms Paw Paw and dirt work	2		
Brought plates back from Dellinger	1		
Worked on little John Deere	2		
CLEAR _____ RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Josh Feaser			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
9-8-20	SAGINAW	GRASS WAS Mowed 9-2-2020	1.0	YES <input checked="" type="checkbox"/> NO
CHANGE Dogi pot BAG - Check The TRASH BAG - RAKE MULCH AROUND - UNDER The Swing Set's and PLAY AREA.				
9-8-20	DAUBERTON	GRASS WAS Mowed 9-2-2020	1.0	<input checked="" type="checkbox"/>
CHANGE Dogi pot BAG - Check The TRASH BAG - RAKE The MULCH AROUND - IN PLAY AREA.				
9-8-20	PPL	GRASS WAS Mowed 9-3-4-2020	1.0	<input checked="" type="checkbox"/>
CHANGE Dogi pot BAG - Check The TRASH BARREL - PICK UP TRASH BAGS - OUT OF The Fence AREA.				
9-8-20	MANCHESTER	GRASS WAS Mowed 9-2-2020	1.5	<input checked="" type="checkbox"/>
CHANGE TRASH BAGS AS Needed - PICK UP TRASH OUT OF The GRASS.				
9-8-20	POPLAR LANE	GRASS WAS Mowed 9-2-2020	0.5	<input checked="" type="checkbox"/>
CHECK STORM DRAINS - CHECK HYDRANT MARKERS - CHECK STREET MARKERS.				
9-8-20	TOWNSHIP	GRASS WAS Mowed 9-2-2020	—	<input checked="" type="checkbox"/>
TOTAL:			5.0	
NAME: NEVIN BRENNEMAN				

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 9-8-20	REG HOURS	COMP/PAY	MATERIALS
STREET CLEAN, DON, WILLIAM SPRINGS, PAINTING	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: William Coelp			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 9-8-2020	REG HOURS	COMP/PAY	MATERIALS
UNLOAD TRUCK # 4.	0.5		
CLEAN CATCH BASIN ON GRAVEL HILL RD.			
CHANGE THREE TRASH BAGS ON GUT RD.	1.0		
REPLACE STOP SIGN AT FIFTH AND LOCUST ST.	1.0		
REPLACE STOP SIGN AT WOODLAND DR AND MARKET ST.	.5		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	3.0		
NAME: NEVIN BRENNEMAN			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE:	REG HOURS	COMP/PAY	MATERIALS
9-9-20			
Cut edge of road Don Ranae	2		
Crack Seal Dellinger / Willow Springs	4		
Cut drain box on Willow Springs	1		
Studied the truck for CDL test	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE:	REG HOURS	COMP/PAY	MATERIALS
9-9-20			
STREET CLEAN, DOWRE NE	2		
CRACK SEAL TWP, LOT, Willow Springs, Manchester St	2		
SAW CUT Willow Springs Lane SINK HOLE	2		
CLEAN UP AROUND SHOP	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Willie Ranae			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 9-13-20	REG HOURS	COMP/PAY	MATERIALS
Box Wood Catch Basin, Willow Springs Catch	8		
Catch Basin Dig out			
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Lillian Cobb			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 9-11-20	REG HOURS	COMP/PAY	MATERIALS
Finished forming drain box Willow Springs	2		
Stone and tamped hole around box Willow Springs	2		
Concrete Willow Springs / Boxwood	2		
Worked on JN 5100	1		
Got blacktop tools ready for Monday	1		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	6		
NAME: Josh Fraser			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 9-14-20	REG HOURS	COMP/PAY	MATERIALS
Paved drain boxes Boxwood and Willow Springs	4		
Paved Mill spots Bartlett and Sunset / George St	4		
CLEAR <u>1</u> RAIN <u> </u> SNOW <u> </u> TEMP <u> </u>			
<b>TOTAL</b>	8		
NAME: Josh Fearer			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 9-23-20	REG HOURS	COMP/PAY	MATERIALS
Pulled sign posts Poplar	1		
Checked and cleaned drain boxes	3		
Cleaned up block building	2		
Worked on sureport oil leak	2		
CLEAR <u>1</u> RAIN <u> </u> SNOW <u> </u> TEMP <u> </u>			
<b>TOTAL</b>	8		
NAME: Josh Fearer			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
9-21-20	SAGINAW	GRASS WAS Mowed - 9-16-20	1.0	YES <input checked="" type="checkbox"/> NO
Check Dogi pot BAG - Change The TRASH BAG - PICK STICKS AND BRANCHES OUT OF THE GRASS AND PLAY AREA.				
	DAUBERTON	GRASS WAS Mowed 9-16-20	1.0	X
Change Dogi pot BAG - Change The TRASH BAG - Pick up TRASH OUT OF The GRASS. WALK The WALKING path.				
9-21-20	PPL	GRASS WAS Mowed 9-17-18-2020	.5	X
Change Dogi pot BAG'S - PICK UP TRASH OUT OF THE FENCE AREA.				
9-21-20	MANCHESTER	GRASS WAS Mowed 9-16-2020	1.0	X
Change TRASH BAGS AS Needed.				
9-21-20	POPLAR LANE	GRASS WAS Mowed 9-16-20	0.5	X
Check STREET SIGNS - Check STORM DRAIN'S - Check HYDRANT FLAGS.				
9-21-20	TOWNSHIP	GRASS WAS Mowed - 9-16-2020		
TOTAL:				
NAME: <u>Nevin BRENNEMAN</u>			4.0	



# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
9-28-20	SAGINAW	GRASS WAS Mowed 9-23-2020	1.0	YES NO
Check Dogi Pot BAG - Check The TRASH BAG - Pick UP STICKS OUT OF The PLAY AREA AND GRASS AREA.				
9-28-20	DAUBERTON	GRASS WAS Mowed 9-23-2020	1.0	X
CHANGE Dogi POT BAG - Change The TRASH BAG - Blow LEAVES AND MULCH OUT FROM UNDER The PAVILION AND WALK WAYS AND PARKING LOT.				
9-28-20	PPL	GRASS WAS Mowed 9-24-25-2020	1.0	X
CHANGE The Dogi POT BAG'S - Check The TRASH BARRELL - Pick UP The - TRASH BAG'S OUT OF The FENCE AREA.				
9-28-20	MANCHESTER	GRASS WAS Mowed 9-23-2020	1.5	X
CHANGE TRASH BAG'S AS Needed - Pick UP TRASH OUT OF The GRASS AND PLAY AREA.				
9-28-20	POPLAR LANE	GRASS WAS Mowed 9-23-2020	0.5	X
Check Speed Limit SIGNS + Check STORM DRAINS - Check HYDRANT FLAGS.				
9-28-20	TOWNSHIP	GRASS WAS Mowed 9-23-2020	—	X
TOTAL:			5.0	
NAME: NEVIN BRENNEMAN				

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-2-2020	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
Tree down River Road		2	
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8	2	
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-2-20	REG HOURS	COMP/PAY	MATERIALS
PICK UP TRUCK	2		
CARE IN FOR TREE DOWN, RIVER ROAD			
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	2		
NAME: Will Cram			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-2-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection township	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Josh Fearer			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-2-20	REG HOURS	COMP/PAY	MATERIALS
Pick leaves	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-3-2020	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	6		
Trees down on Gut	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-3-20	REG HOURS	COMP/PAY	MATERIALS
LEAVES PICK UP	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Walter Delf			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-3-10	REG HOURS	COMP/PAY	MATERIALS
Picked leaves	7		
fix rain sprouts at salt building	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stunker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-3-20	REG HOURS	COMP/PAY	MATERIALS
Picked leaves in township	6		
Trees down on Gut	2		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Josh Leaver			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-4-20	REG HOURS	COMP/PAY	MATERIALS
leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: M. L.			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-4-20	REG HOURS	COMP/PAY	MATERIALS
leaf cleanup	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Will Dato			

**EAST MANCHESTER TWP PUBLIC WORKS  
2020 EMPLOYEES DAILY TIME REPORT**

DATE: 11-4-20	REG HOURS	COMP/PAY	MATERIALS
Picked leaves	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
<b>TOTAL</b>	8		
NAME: Conner Sparker			

**EAST MANCHESTER TWP PUBLIC WORKS  
2020 EMPLOYEES DAILY TIME REPORT**

DATE: 11-4-20	REG HOURS	COMP/PAY	MATERIALS
Leaf picking township	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
<b>TOTAL</b>	8		
NAME: Josh Tanser			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-5-20	REG HOURS	COMP/PAY	MATERIALS
PICK Lotus Twp.	8		
Snow plow meeting	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Will Dapp			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-5-20	REG HOURS	COMP/PAY	MATERIALS
Leaf picking township	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Josh Freese			



EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-5-20			
picked leaves	8		
snow plowing meeting	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	10		
NAME: Conner Stanter			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-5-20			
Leaf collection	8		
snow plow meeting		2	
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-9-20	REG HOURS	COMP/PAY	MATERIALS
PICK LEAVES Twp.	8		
CLEAR <u>2</u> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: <u>Willie Cobb</u>			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-9-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <u>✓</u> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: <u>Mark</u>			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-9-20	REG HOURS	COMPI/PAY	MATERIALS
Leaf picking township	8		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Josh Finner			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-9-20	REG HOURS	COMPI/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>	8		
<b>TOTAL</b>	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
10-9-2020			
PICK UP LEAVES IN THE TOWNSHIP	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP 74°			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-10-20			
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-10-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-10-20	REG HOURS	COMP/PAY	MATERIALS
Leaf Clean up Twp.	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Walter D. Jr			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 10-10-2020	REG HOURS	COMP/PAY	MATERIALS
Collect LEAVES in The Township.	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP 76°			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-10-20	REG HOURS	COMP/PAY	MATERIALS
Leaf picking township	8		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8		
NAME: Josh Feare			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-11-20	REG HOURS	COMP/PAY	MATERIALS
PICK LEAF TWP.	4		
WORK ON BUTZ ROAD ALONG ST.	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	5		
NAME: W. Lee DA			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-11-2020	REG HOURS	COMP/PAY	MATERIALS
Collect Leaves IN Township	4.0		
Sweep + Clean up Shop FLOORS	1.0		
Pick up TRASH BAGS on BUTZ	1.5		
Clean INTERIOR OF TR# 7	1.5		
CLEAR <input type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-11-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	4		
Drive truck #1 w/ cones	4		
CLEAR _____ RAIN <input checked="" type="checkbox"/> SNOW _____ TEMP _____			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-11-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	2		
Put signs up at salt building	2		
Practice driving truck 1	4		
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Slanker			



EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-11-20	REG HOURS	COMP/PAY	MATERIALS
leaf picking township	4		
Worked on bathroom in black building	4		
CLEAR / RAIN / SNOW TEMP			
TOTAL	8		
NAME: Josh Facer			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-12-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
Tree in Riverman 12:15		2	
CLEAR / RAIN / SNOW TEMP			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:		REG HOURS	COMP/PAY
11-12-20			
Leaf collection		8	
Tree down river view		2	
CLEAR <input checked="" type="checkbox"/>	RAIN <input type="checkbox"/>	SNOW <input type="checkbox"/>	TEMP <input type="checkbox"/>
TOTAL		10	
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:		REG HOURS	COMP/PAY
11-12-2020			
Collect LEAVES IN The Township		8.0	
CLEAR <input type="checkbox"/>	RAIN <input checked="" type="checkbox"/>	SNOW <input type="checkbox"/>	TEMP <input type="checkbox"/>
TOTAL		8.0	
NAME: NEVIN BRENNERMAN			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-12-20	REG HOURS	COMP/PAY	MATERIALS
Leaf picking township	6.5	1.5	
CLEAR _____ RAIN / _____ SNOW _____ TEMP _____			
<b>TOTAL</b>	8		
NAME: Josh Fearer			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-12-20	REG HOURS	COMP/PAY	MATERIALS
PICK LEAF TWP.	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
<b>TOTAL</b>	8		
NAME: Wally C. Bala			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-13-2020	REG HOURS	COMP/PAY	MATERIALS
Collect LEAVES IN The Township	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-13-20	REG HOURS	COMP/PAY	MATERIALS
Leaf Collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-13-20	REG HOURS	COMP/PAY	MATERIALS
Asst LEAD	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: <i>Wesley DeLo</i>			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-13-20	REG HOURS	COMP/PAY	MATERIALS
Leaf picking township	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: <i>Josh Fencer</i>			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-13-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	7.5		
Comp used		.5	
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-16-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-16-2020	REG HOURS	COMP/PAY	MATERIALS
PICK UP LEAVES IN THE TOWNSHIP	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-16-20	REG HOURS	COMP/PAY	MATERIALS
PICK LEAVES TWP.	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: WILLY DOB			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-16-20			
leaf picking township	8		
CLEAR <u>1</u> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Josh Feeney			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-16-20			
Pick leaves	6		
CLEAR <u>1</u> RAIN _____ SNOW _____ TEMP _____			
TOTAL	6		
NAME: Mark			



EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-17-2020	REG HOURS	COMP/PAY	MATERIALS
Collect LEAVES IN The Township	5.0		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	5.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-17-20	REG HOURS	COMP/PAY	MATERIALS
PICK LEAVES TWP	2		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	2		
NAME: Willie Reed			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-17-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	5		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-17-20	REG HOURS	COMP/PAY	MATERIALS
Leaf Collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Tanner Stinker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-17-20	REG HOURS	COMP/PAY	MATERIALS
LEAF PICKING Township	8		
CLEAR _____ RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Josh Pender			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-18-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-18-20	REG HOURS	COMP/PAY	MATERIALS
PICK LEAVES TWP.	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: <i>Willie Debb</i>			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-18-2020	REG HOURS	COMP/PAY	MATERIALS
CLEAN UP LEAVES IN THE TOWNSHIP	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8.0		
NAME: <i>NEVIN BRENNEMAN</i>			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
LEAF PICKING TOWNSHIP	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: JOSH PEASER			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-18-20	8		
leaf collection			
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-23-20			
Leaf Collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-23-20			
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11/23/20	REG HOURS	COMP/PAY	MATERIALS
Pick leaves	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Dave Bupp			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-23-2020	REG HOURS	COMP/PAY	MATERIALS
Pick up leaves in the Township	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11/24/20	REG HOURS	COMP/PAY	MATERIALS
Pick leaves	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8		
NAME: DAVE BUYP			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-24-2020	REG HOURS	COMP/PAY	MATERIALS
PICK UP LEAVES IN THE TOWNSHIP	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			



EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-24-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 11-24-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-25-20			
Leaf Collection	5		
Blow Out Jacobertson (leaves)	1		
Blow out Saginaw (leaves)	1		
work on loader	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11/25/20			
Pick leaves	4.5		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	4.5		
NAME: Dave Buyp			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-25-20	REG HOURS	COMPI/PAY	MATERIALS
Leaf collection	4		
Blow out parks	3		
work on loader	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Mark			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-25-20	REG HOURS	COMPI/PAY	MATERIALS
Pick up Leaves in The Township	5.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	5.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-30-2020			
CHECK TOWNSHIP CATCH BASINS AND ROAD SIGNS.	3.0		
INSTALL SNOW EQUIPMENT ON TRUCKS.	1.0		
WASH TRUCK # 3.	1.0		
WASH THE LOADER.	1.0		
CLEAN UP THE WASH BAY.	1.0		
PUT TRUCKS AND EQUIP BACK IN THE WASH BAY.	1.0		
CLEAR _____ RAIN <input checked="" type="checkbox"/> SNOW _____ TEMP _____			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
11-30-20			
Checked drains	2		
Cleaned loader / truck #3	2		
Got truck 3 ready for snow	4		
Tree on riverveiw 4-6	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW _____ TEMP _____			
TOTAL	10		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS 2020 EMPLOYEES DAILY TIME REPORT

DATE: 11-30-20	REG HOURS	COMP/PAY	MATERIALS
Checked and cleaned out business	2		
Took out bag of trash #8	2		
Got truck #3 ready for winter	2		
Washed truck #3, and bag of trash	2		
Collected in for the	2		
CLEAR _____ RAIN _____ SNOW _____ TEMP _____			
<b>TOTAL</b>	8	2	
NAME: <i>John Doe</i>			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-1-20	REG HOURS	COMP/PAY	MATERIALS
Picking leaves in township	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Josh Heister			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-1-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-1-2020	REG HOURS	COMP/PAY	MATERIALS
PICK UP LEAVES IN THE TOWNSHIP.	8.0		
CLEAR _____ RAIN <input checked="" type="checkbox"/> SNOW _____ TEMP _____			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-1-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-2-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	5		
Worked on loader	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP _____			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-2-2020	REG HOURS	COMP/PAY	MATERIALS
Pick up Leaves in the Township	5.0		
Change TRASH BAGS ON GUT RD.	1.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP 34°			
TOTAL	6.0		
NAME: NEVIN BRENNEMAN			



EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-2-20	REG HOURS	COMP/PAY	MATERIALS
Picked leaves in township	4		
Worked on loader	3		
CLEAR <u>  </u> / RAIN <u>  </u> SNOW <u>  </u> TEMP <u>  </u>			
TOTAL	7		
NAME: Josh Feaser			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-2-20	REG HOURS	COMP/PAY	MATERIALS
Leaf Collection	5		
Changed trash at Parks	2		
Worked on loader	1		
CLEAR <u>X</u> RAIN <u>  </u> SNOW <u>  </u> TEMP <u>  </u>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-7-20	REG HOURS	COMP/PAY	MATERIALS
leaves collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-7-20	REG HOURS	COMP/PAY	MATERIALS
Leaf Collection	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Corner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-7-2020	REG HOURS	COMP/PAY	MATERIALS
PICK UP LEAVES IN THE TOWNSHIP	8.0		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-7-20	REG HOURS	COMP/PAY	MATERIALS
Picked leaves township	8		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: JOSH FEASER			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-8-2020	REG HOURS	COMP/PAY	MATERIALS
PICK UP LEAVES IN THE TOWNSHIP	1		
CLEAN GUTTERS-CATCH BASINS	5.0		
INSTALL TWO GUIDE POSTS ON SHADY LN.	1.5		
CHECK AND CHANGE TRASH BAGS ON GUT RD.	1.5		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-8-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	5		
Practice CDL driving	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: canner starker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 12-8-20	REG HOURS	COMP/PAY	MATERIALS
Leaf picking township	4		
Worked on loader	4		
CLEAR / RAIN SNOW TEMP			
TOTAL	8		
NAME: Josh Freese			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 12-8-20	REG HOURS	COMP/PAY	MATERIALS
Leaves collection	5		
CDL instruct corner	3		
CLEAR / RAIN SNOW TEMP			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-10-20	REG HOURS	COMP/PAY	MATERIALS
Leaf collection	4		
Cut trees down @ shop	4		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-14-20	REG HOURS	COMP/PAY	MATERIALS
leaves	4		
Get trucks ready	4		
CLEAR <input type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input checked="" type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE:	REG HOURS	COMP/PAY	MATERIALS
12-10-20			
Leaf collection	5		
Cut trees down by binyard	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-14-2020	REG HOURS	COMP/PAY	MATERIALS
Check TWP Roads for Leaf Piles.			
Pick up Leaves in The Township.	3.0		
Go to ACE for Reflective Posts.	1.0		
Install Reflective Posts on Griffith Ln.	1.0		
Install Reflective Posts on Fourth St in Sargisville	1.0		
Fuel Truck # 4.	.5		
Spread Salt on J School Rd and Hill View.	1.5		
CLEAR _____ RAIN _____ SNOW <input checked="" type="checkbox"/> TEMP 39°			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE: 12-14-20	REG HOURS	COMP/PAY	MATERIALS
Leaf Collection	3		
Prepare trucks for winter	5		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Shanker			



# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE:	REG HOURS	COMP/PAY	MATERIALS
12-23-20			
Clean/Wash/move equipment	7		
MS-4 meeting	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE:	REG HOURS	COMP/PAY	MATERIALS
12-23-20			
Wash equipment	4		
MS4 training	1		
Christmas party	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
12-28-20			
Cleared <del>catch basins</del>	3		
Washed cross chains	1		
cleared trees off riverview	2		
cleared trees off gut rd	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2020 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
<del>Cleared catch basins</del>	3		
Fix road sign Meeting House	1		
Put barrels on Manchester st	2		
Push debris off gut	2		
CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME:			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 12-28-20	REG HOURS	COMP/PAY	MATERIALS
Checked roads and cleaned catch basins / pipes	3		
Cleaned truck chairs	1		
cleaned up stones Catalina Culdesac	2		
Cleaned up trees Riverview	1		
Tree and debris Gut Rd	1		
CLEAR / RAIN SNOW TEMP			
TOTAL	8		
NAME: Josh Pearson			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 12-28-2020	REG HOURS	COMP/PAY	MATERIALS
CHECK CATCH BASINS IN THE TOWNSHIP	2.5		
PUT TEMP STOP SIGN AT HILL ST.	0.5		
REPLACE SPEED LIMIT POSTS ON MEETING HOUSE	0.5		
MAKE 811 CALL ON HILL ST.	0.5		
CLEAR <input checked="" type="checkbox"/> RAIN SNOW TEMP			
TOTAL	4.0		
NAME: NERIN BRENNEMAN			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED	YES	NO
12-28-20	SAGINAW		1.0			
Check Dogi pot BAG - Check The TRASH BAG - Check The PLAY AREA.						
12-28-20	DAUBERTON		1.0			
Change The TRASH BAG - Check The Dogi pot BAG - Check The PLAY-GROUND AREA.						
PROFANITY IS BEING WRITTEN ON THE SLIDING BOARD SET AND -						
The Pavilion Floor.						
	PPL					
12-28-20	MANCHESTER		1.5			
Change TRASH BAGS AS Needed						
12-28-20	POPLAR LANE		0.5			
Check STREET MARKERS - Check CATCH BASINS - Check HYDRANT FLAGS.						
	TOWNSHIP					
TOTAL:			4.0			
NAME: NEVIN BRENNEMAN						

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE: 12-31-20	REG HOURS	COMP/PAY	MATERIALS
Fixed Truck 9	2		
Got trucks ready for snow	4		
Checked roads, basins, pipes	2		
CLEAR <input type="checkbox"/> / RAIN <input type="checkbox"/> / SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Josh Feaser			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: <u>1-25-21</u>	REG HOURS	COMP/PAY	MATERIALS
Got trucks ready for snow	7		
MS4 meeting	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: <u>Mark</u>			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 2-8-21	REG HOURS	COMP/PAY	MATERIALS
Clean up Shop for MS4	6		
Pick up tires from Servicetire	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 2-8-2021	REG HOURS	COMP/PAY	MATERIALS
Cleaned up for MS4	6		
Went to get tires	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Nolan Trout			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 2-9-2021	REG HOURS	COMP/PAY	MATERIALS
Clean for MS4	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: NOIQA TROW			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 2-9-21	REG HOURS	COMP/PAY	MATERIALS
Clean for MS4	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			



EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 2-10-2021	REG HOURS	COMP/PAY	MATERIALS
Stop Sign hours shoe	1		
clean up dirt on oak drive	1		
check Roads around town ship	3		
Get trucks ready for snow	3		
Plow snow	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	9		
NAME: Nolan Trout			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 2-10-21	REG HOURS	COMP/PAY	MATERIALS
Stop Sign on Horseshoe bend	1		
clean up dirt on Oak Dr.	1		
check roads around township	3		
Get trucks ready for snow	3		
Plow snow 11pm -	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input checked="" type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	9		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-15-21	REG HOURS	COMP/PAY	MATERIALS
Street Sweep Steamboat, Dedare Sch	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-16-21	REG HOURS	COMP/PAY	MATERIALS
Street Sweep	5		
Get truck #3 ready for CDL Test	2		
Drop off truck #2 and pickup #10	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8		
NAME: Mark			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 3-16-2021	REG HOURS	COMP/PAY	MATERIALS
Clean up roads / Bartlett, expresso,			
Willow Springs	6		
Take truck to for inspection	1		
Tear down truck #3 (spreader, auger)	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Conner Stanker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 3-17-2021	REG HOURS	COMP/PAY	MATERIALS
Practice for CDL Permit	6		
Went around town ship to clean roads	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Nolan Trout			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-18-21	REG HOURS	COMP/PAY	MATERIALS
Took Nolan for CDL Permit	3		
Service Tiger Mower	2		
Check drains	3		
CLEAR _____ RAIN <input checked="" type="checkbox"/> SNOW _____ TEMP _____			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-18-2021	REG HOURS	COMP/PAY	MATERIALS
went to take CDL Permit	3		
worked on massy	2		
went around town ship to check drains	3		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Nolan Trow			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 3-19-2021	REG HOURS	COMP/PAY	MATERIALS
Cleaned up sod/dirt off roads	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Nolan Trout			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 3-19-21	REG HOURS	COMP/PAY	MATERIALS
Clean up Sod along roads	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-25-2021	REG HOURS	COMP/PAY	MATERIALS
checked <del>at</del> storm drains	4		
washed Shane truck	2		
Worked on street sweeper	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Nolan Trout			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-25-21	REG HOURS	COMP/PAY	MATERIALS
Street sweep Forge Hill, expresso	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

## EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
3-29-21	SAGINAW		1.0	YES <input checked="" type="checkbox"/> NO
Check Dogi for BAG - Check The TRASH Bag - Check The PLAY AREA.				
3-29-21	DAUBERTON		1.0	<input checked="" type="checkbox"/>
Change Dogi for Bag - Check The TRASH Bag - Check The PLAY AREA.				
3-29-21	PPL		1.0	<input checked="" type="checkbox"/>
Change Dogi for BAGS - Check The TRASH Bag AND TRASH AREA.				
	MANCHESTER			
3-29-21	POPLAR LANE		0.5	<input checked="" type="checkbox"/>
Check STREET Signs - CATCH BASINS - HYDRANT FLAGS				
	TOWNSHIP			
TOTAL:			3.5	
NAME: NEVIN BRENNEMAN				

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
3-29-21 Street Sweep Canal/Manchester/Park	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
3-29-21 Street Sweep Manchester St, Park, Canal	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Mark			



EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-30-2021	REG HOURS	COMP/PAY	MATERIALS
Cleaned up town ship roads	5		
Replaced sign post on North gorge st	1		
Took temp stop sign to ren zeals	1		
Changed dates on reader bord	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8		
NAME: Nohn Troup			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-30-21	REG HOURS	COMP/PAY	MATERIALS
Street Sweep Park St, Hill, Old School,			
Board Rd	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-30-21	REG HOURS	COMP/PAY	MATERIALS
CLEAN UP TWP ROADS AHEAD OF THE SWEEP	5.0		
INSTALL NEW SIGN POST ON N. GEO. ST.	1.0		
TAKE TEMP STOP SIGN TO RENTRELS	1.0		
FUEL TRUCK #10	1.0		
CHANGE THE READER BOARD.			
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 3-31-21	REG HOURS	COMP/PAY	MATERIALS
STREET SWEEP - Board, meeting House, Chestnut, Avenue	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="checkbox"/>			
TOTAL	8		
NAME: Conner Stankar			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
4-5-21	SAGINAW		1.0	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
check The Dogi BAG - Check The TRASH BAG - Check The PLAY AREA. PICK - STICKS AND BRANCHES OUT OF THE GRASS.				
4-5-21	DAUBERTON		1.0	<input type="checkbox"/> <input checked="" type="checkbox"/>
CHANGE Dogi POT BAG - Change TRASH BAG - Check PLAY GROUND AREA.				
4-5-21	PPL		4.10	<input type="checkbox"/> <input checked="" type="checkbox"/>
CHANGE Dogi POT BAGS - PICK UP TRASH BAGS OUT OF FENCED AREA - Check The TRASH CAN.				
PREP ONE GATE AT PPL - PAINT ONE GATE AT PPL				
	MANCHESTER			
4-5-21	POPLAR LANE		0.5	<input type="checkbox"/> <input checked="" type="checkbox"/>
CHECK STREET SIGNS - Check STORM DRAINS - Check HYDRANT FLAGS.				
	TOWNSHIP			
TOTAL:				
			6.5	
NAME: NEVIN BRENNEMAN				

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-1-21	REG HOURS	COMP/PAY	MATERIALS
<del>Sweep</del> Sweep School, Hillview	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-6-21	REG HOURS	COMP/PAY	MATERIALS
<del>Sweep School, Hillview</del> <del>Delaware St, Forge Hill St</del>	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-7-21	REG HOURS	COMP/PAY	MATERIALS
<del>Don't know</del> Rep/Plc. Poles on Don't know	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stenker			

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-8-21	REG HOURS	COMP/PAY	MATERIALS
<del>Street</del> Street in Sherman Oaks	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stenker			

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-9-21

## REG HOURS

COMP/PAY

## MATERIALS

~~Street Sweet~~ ~~Shrimp~~ ~~OKs~~ ~~Old oaks~~

8

CLEAR X RAIN \_\_\_\_\_ SNOW \_\_\_\_\_ TEMP \_\_\_\_\_

TOTAL

8

NAME: Conner Slanker

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-12-2021

REG HOURS

COMP/PAY

## MATERIALS

~~Get free off walking path in dachau~~

Moved NO Parking Signs

1

Made and painted yard rail for shady lane

3

went to fasting

1

Work in shop

1

check catch by <sup>Dasu</sup> ~~see~~

1

CLEAR X RAIN \_\_\_\_\_ SNOW \_\_\_\_\_ TEMP \_\_\_\_\_

TOTAL

7

NAME: Nolan Troup

## EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
4-12-21	SAGINAW	GRASS WAS Mowed 4-7-21	1.0	YES NO
Check Dogi pot BAG - CHANGE The TRASH BAG - RAKE The MULCH AROUND - UNDER The Swing Set'S. PICK STICKS UP OUT OF The GRASS.				
4-12-21	DAUBERTON	GRASS WAS Mowed 4-7-21	2.0	X
CHANGE The TRASH BAG - Check The Dogi pot BAG. Check The WALKING PATH FOR TREE Down. TREE IS Down. CUT UP TREE AND MOVE OFF OF The PATH.				
4-12-21	PPL	GRASS WAS Mowed 4-8-21	1.0	X
Check Dogi pot BAG - Check The TRASH AREA AND The TRASH BARREL.				
MANCHESTER				
4-12-21	POPLAR LANE	GRASS WAS Mowed 4-7-21	0.5	X
Check STREET Signs - Check STORM DRAINS - Check FIRE HYDRANT FLAGS.				
TOWNSHIP				
TOTAL:			4.5	
NAME: NEVIN BRENNEMAN				

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
4-12-21			
<del>Street Sweep</del> <del>Asbury</del>	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
4-13-21			
<del>Street Sweep</del> <del>Asbury</del>	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			



# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-14-21	REG HOURS	COMP/PAY	MATERIALS
<del>Street Sweep - 5th Ave to 1st Ave</del>	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-19-2021	REG HOURS	COMP/PAY	MATERIALS
Moved no parking signs	2		
Crack sealed	3		
Cleaned out truck #5 #9	1		
check catch basins	1		
Picked up signs a DB project and got bolts at fastenal	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Nolan Trout			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 4-14-21	REG HOURS	COMP/PAY	MATERIALS
MOVE BARRELS.	2.0		
CRACK SEAL.	3.0		
CLEAN OUT TK # 5 AND 9	1.0		
CHECK STORM DRAINS.	1.0		
PICK UP SIGNS AT D.B. KRIEG.	1.0		
PICK UP BOLTS AT FASTENAL.			
CLEAR _____ RAIN <input checked="" type="checkbox"/> SNOW _____ TEMP _____			
TOTAL	8.0		
NAME: NEVIN BRENNEMAN			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 4-15-21	REG HOURS	COMP/PAY	MATERIALS
<del>STREET SWEEP</del> <del>BECKY LYNN STANKE</del> <del>RENTAL</del>	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: CONNER STANKE			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-15-2021	REG HOURS	COMP/PAY	MATERIALS
Moved No Parking #S: 195	# 2		
check roads	2		
cleaned up street sweepings	1		
cleaned up in shop	2		
changed street sweeper brooms	1		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Nolan Trout			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-16-21	REG HOURS	COMP/PAY	MATERIALS
<del>Street Sweep</del> Orchardview/Greenfield	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 4-18-2021	REG HOURS	COMP/PAY	MATERIALS
TOOK CDL Permit test	3		
<del>Clear Street Sweep</del>	5		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Nolan Troop			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 4-19-21	REG HOURS	COMP/PAY	MATERIALS
<del>Clear Street Sweep</del>	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED	
4-19-21	SAGINAW	GRASS WAS Mowed 4-14-21	1.0	YES	NO
Change Dogi pot BAG - Check TRASH BAG - RAKE MULCH AROUND THE SWING SETS AND PLAY AREA. PICK UP STICKS AND BRANCHES - OUT OF THE GRASS AREA.					
4-19-21	DAUBERTON	GRASS WAS Mowed 4-14-21	0.5		X
Check The TRASH BAG - Change The Dogi pot BAG - PICK UP TRASH - OUT OF THE GRASS.					
4-19-21	PPL	GRASS WAS Mowed 4-15-21	1.0		X
Change Dogi pot BAGS - Change TRASH BAG.					
	MANCHESTER		2		
4-19-21	POPLAR LANE	GRASS WAS Mowed 4-14-21	0.5		X
Check STORM DRAINS - Check STREET Signs - Check HYDRANT FLAGS.					
	TOWNSHIP				
TOTAL:			3.0		
NAME: NEVIN BRENNEMAN					

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
4-22-21			
<del>Street Sweep</del> George, Sherman st	7		
Took truck to service tire	1		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
4-23-2021			
<del>Street Sweep</del> street	2		
Picked up no parking barrels took to north well	1		
Picked up truck #4 from tire shop	1		
cleaned out trucks	2		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	6		
NAME: Nolan Trout			

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-20-21	REG HOURS	COMP/PAY	MATERIALS
<del>Street Sweep Greenwood, Brookside Estate</del>	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 4-21-21	REG HOURS	COMP/PAY	MATERIALS
<del>Street Sweep Greenwood, Brookside Estate</del> Creek Bottom, George, Zions View,	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED
4-26-21	SAGINAW	GRASS WAS MOWED 4-21-21	2.0	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Check Dogi Pot BAG - Check TRASH BAG - RAKE MULCH AROUND IN THE PLAY AREA - PICK UP STICKS OUT OF THE GRASS.				
4-26-21	DAUBERTON	GRASS WAS MOWED 4-21-21	2.5	<input type="checkbox"/> X <input checked="" type="checkbox"/>
Change Dogi Pot Bag - Change The TRASH BAG - PICK UP TRASH OUT OF THE GRASS. BLOW TREE DIRT OFF OF THE PARKING LOT - UNDER THE PAVILION AND THE WALK AREAS. RAKE THE MULCH AROUND ON THE PLAY AREA. WALK THE WALKING PATH.				
4-26-21	PPL	GRASS WAS MOWED 4-22-21	1.5	<input type="checkbox"/> X <input checked="" type="checkbox"/>
Change Dogi Pot BAGS - Check TRASH AREA - Check TRASH BARREL. FASTEN SCREEN ON SCREENED IN TRASH AREA.				
	MANCHESTER			
4-26-21	POPLAR LANE	GRASS WAS MOWED 4-21-21	0.5	<input type="checkbox"/> X <input checked="" type="checkbox"/>
Check STREET SIGNS - Check STORM DRAINS - Check HYDRANT FLAGS.				
~~~~~	TOWNSHIP			<input checked="" type="checkbox"/>
TOTAL:			6.5	
NAME: NEVIN BRENNEMAN				





# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED	
				YES	NO
5-3-21	SAGINAW	GRASS WAS MOWED 4-27-21	1.5		
CHECK DOG1 FOR BAG - CHANGE THE TRASH BAG - PICK UP STICKS AND TREE BRANCHES OUT OF THE GRASS AREA.					
5-3-21	DAUBERTON	GRASS WAS MOWED 4-27-21	1.0		X
CHANGE DOG1 BAG - CHECK THE TRASH BAG - CLEAN UP - BRANCHES OUT OF THE GRASS.					
5-3-21	PPL	GRASS WAS MOWED 4-28-21	1.0		X
CHANGE DOG1 FOR BAG - CHECK THE TRASH CAN AND FENCED AREA.					
_____	MANCHESTER				
5-3-21	POPLAR LANE	GRASS WAS MOWED 4-27-21	0.5		X
CHECK STREET SIGNS - CHECK STORM DRAINS - CHECK HYDRANT FLAG'S.					
_____	TOWNSHIP				
TOTAL:			4.0		
NAME: NEVIN BRENNEMAN					

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
4-4-21			
Street Sweep Mt. Wolf Boro'	8		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Stanke:			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
5-5-20			
Street Sweep Mt. Wolf	6		
Clean up around shop	2		
CLEAR <input checked="" type="checkbox"/> RAIN _____ SNOW _____ TEMP _____			
TOTAL	8		
NAME: Conner Stanke			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED	
5-10-21	SAGINAW	GRASS WAS MOWED 5-5-21	4.5	YES	<input checked="" type="checkbox"/>
CHECK Dog PLOT BAG - CHECK TRASH BAG - PICK UP STICKS OUT OF THE GRASS. EXTEND PLAY GROUND AND MULCH.					
5-10-21	DAUBERTON	GRASS WAS MOWED 5-5-21	1.0		<input checked="" type="checkbox"/>
CHANGE Dog PLOT BAG - CHANGE THE TRASH BAG. CHECK THE PLAY AREA. DIRTY WORDS ARE BEING WRITTEN ON PAVILLIAN FLOOR AND POSTS - ALSO ON PLAY GROUND EQUIPT.					
5-10-21	PPL	GRASS WAS MOWED 5-6-21	1.0		<input checked="" type="checkbox"/>
CHANGE Dog PLOT BAG - CHECK TRASH FENCE AND BARREL.					
MANCHESTER					
5-10-21	POPLAR LANE	GRASS WAS MOWED 5-5-21	0.5		<input checked="" type="checkbox"/>
CHECK STREET SIGNS - CHECK STORM DRAINS - CHECK HYDRANT FLAGS.					
TOWNSHIP					
TOTAL:			7.0		
NAME: NEVIN BRENNEMAN					

# EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED	
5-17-21	SAGINAW GRASS	WAS Mowed 5-12-21	0.5	YES	<input checked="" type="checkbox"/> NO
Check Dogi Pot BAG - Check The TRASH BAG - Check PLAY AREA.					
5-17-21	DAUBERTON GRASS	WAS Mowed 5-12-21	1.0		<input checked="" type="checkbox"/>
Change The TRASH BAG - Change The Dogi Pot BAG - CLEAN-UP PLAY AREA. pick UP TRASH OUT OF The GRASS.					
5-17-21	PPL GRASS	WAS Mowed 5-13-14-21	0.5		<input checked="" type="checkbox"/>
Change Dogi Pot BAGS - Change TRASH BAG - Check Fences - TRASH AREA.					
—	MANCHESTER				<input checked="" type="checkbox"/>
5-17-21	POPLAR LANE GRASS	WAS Mowed 5-12-21	0.5		<input checked="" type="checkbox"/>
Check Storm DRAINS - Check STREET Signs - Check HYDRANT MARKERS.					
	TOWNSHIP				
TOTAL:					
NAME: <u>KEVIN BRENNEMAN</u>					

## EAST MANCHESTER TWP PUBLIC WORKS

## 2020 EMPLOYEES DAILY TIME REPORT

DATE	MOWING/CLEAN UP	COMMENTS/DESCRIPTION	HOURS	MOWED	YES	NO
5-24-21	SAGINAW	GRASS WAS Mowed 5-18-21	1.0		YES	NO
Check Dogi Pot BAG - Check & Change The TRASH BAG.						
5-24-21	DAUBERTON	GRASS WAS Mowed 5-18-21	1.0			X
Change The TRASH BAG - Check The Dogi Pot BAGS - CLEAN UP TRASH - UNDER The PAVILION.						
5-24-21	PPL	GRASS WAS Mowed 5-20-21	1.0			X
PICK UP FOUR TRASH BAGS OUT OF THE FENCE - CHECK THE TRASH - BARREL AND Dogi POT.						
~	MANCHESTER	~	~	~	~	~
5-24-21	POPLAR LANE	GRASS WAS Mowed 5-18-21	0.5			X
CHECK STREET SIGNS - CHECK STORM DRAINS - CHECK HYDRANT - FLAGS.						
~	TOWNSHIP	GRASS WAS Mowed 5-18-21	~	~	~	~
TOTAL:			3.5			
NAME: NEVIN BRENNEMAN.						

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 5-27-21	REG HOURS	COMP/PAY	MATERIALS
Check drains	2		
Get equipment ready for Dellinger rd	3		
Wash tractors	3		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Matt			

# EAST MANCHESTER TWP PUBLIC WORKS 2021 EMPLOYEES DAILY TIME REPORT

DATE: 5-27-21	REG HOURS	COMP/PAY	MATERIALS
Wash equipment / Check drainages	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Conner Stanker			

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE: 5-27-2021	REG HOURS	COMP/PAY	MATERIALS
checked <del>the</del> drains	2		
Got trucks ready for Dellinger	2		
Washed tractors and 10 Wheeler	4		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
<b>TOTAL</b>	8		
NAME: Nolan Trout			



# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE:	7-13-21	REG HOURS	COMP/PAY	MATERIALS
Street Sweep Creek bottom	2			
Street Sweep Griffith/Switzer/ horseshoe/Brickyard	6			
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>				
TOTAL	8			
NAME: Conner Stanker				

# EAST MANCHESTER TWP PUBLIC WORKS

## 2021 EMPLOYEES DAILY TIME REPORT

DATE:	7/13/21	REG HOURS	COMP/PAY	MATERIALS
Repairs at Saginaw Park	5			
Tow Mow areas with Nate & Mark	2			
Clean Catch Basin	1			
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>				
TOTAL	8			
NAME: Dean Smith				

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
7-15-21			
Street Sweep Mandis race	3		
Dirty work on Dellinger	5		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
7-26-21			
Street Sweep behind Kinsley on			
Mandis race	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 8-12-21	REG HOURS	COMP/PAY	MATERIALS
Cut willow	4		
check drains	4		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Mark			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE: 8-17-21	REG HOURS	COMP/PAY	MATERIALS
Street Sweeps Board, Chestnut, Steamboat,	8		
Sunset, Willow, Bartlett, Expresso,			
Riverview			
CLEAR <input type="checkbox"/> RAIN <input checked="" type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Slanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
8-18-21			
Street sweep J School, Hillview, Mundis, Dellinger	8		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanke			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
8-19-21			
Street sweep debris from storm last night	6		
check drains / files	2		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanke			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
8-27-21			
Mark lines on brickyard	2		
Street sweep Riverview, J school,			
Hillview, Donrene	6		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

EAST MANCHESTER TWP PUBLIC WORKS			
2021 EMPLOYEES DAILY TIME REPORT			
DATE:	REG HOURS	COMP/PAY	MATERIALS
8-30-21			
Check township pipes/catch basins	2		
clean out pipes on J school/Hillview	2		
<del>Street sweep Riverview, J school, Hillview, Donrene</del>			
<del>Large hill York Street</del>	4		
CLEAR <input checked="" type="checkbox"/> RAIN <input type="checkbox"/> SNOW <input type="checkbox"/> TEMP <input type="text"/>			
TOTAL	8		
NAME: Conner Stanker			

