

**YORK COUNTY REGIONAL  
CHESAPEAKE BAY  
POLLUTANT REDUCTION PLAN**

**MS4 ANNUAL/PROGRESS REPORT  
(September 1, 2015 – August 31, 2016)**



**Prepared by the York County Planning Commission,  
Administrator for the YCSWC  
Approved by the YCSWC Regional Committee – November 16, 2016**

# **York County Regional CBPRP Participating Municipalities**

**[Per the Intergovernmental Cooperation Agreement for Implementation of the  
Regional CBPRP, the Participating Municipalities are collectively the York County  
Stormwater Consortium (YCSWC)]**

## **Municipalities with an MS4 Permit**

Carroll Township  
Conewago Township  
Dallastown Borough  
Dillsburg Borough  
Dover Township  
East Manchester Township  
Fairview Township  
Hallam Borough  
Hellam Township  
Jackson Township  
Loganville Borough  
Lower Windsor Township  
Manchester Borough  
Manchester Township  
Monaghan Township  
Mount Wolf Borough

Newberry Township  
North York Borough  
Red Lion Borough  
Spring Garden Township  
Springettsbury Township  
Springfield Township  
West Manchester Township  
West York Borough  
Windsor Borough  
Windsor Township  
Wrightsville Borough  
Yoe Borough  
York City  
York County  
York Haven Borough  
York Township  
Yorkana Borough

## **Municipalities with an MS4 Permit Waiver**

Dover Borough  
Goldsboro Borough  
Jacobus Borough

Lewisberry Borough  
North Codorus Township

## **Municipalities that are Non-MS4**

Felton Borough  
Glen Rock Borough  
Hanover Borough

Penn Township  
Shrewsbury Township  
West Manheim Township

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

For the Reporting Period: September 1, 2015 to August 31, 2016

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

Due Date: November 30, 2016

GENERAL INFORMATION					
Permittee Name:	York County	NPDES Permit No.:	PAG 133650		
Mailing Address:	28 East Market Street	Effective Date:	May 1, 2014		
City, State, Zip:	York, PA 17401	Expiration Date:	April 30, 2019		
MS4 Contact Person:	Felicia Dell	Renewal Due Date:	November 1, 2018		
Title:	Director, York Co. Planning Comm.	Admin. Extended?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Phone:	717-771-9870	Municipality:	York County		
Email:	fdell@ycpc.org	County:	York		
Co-Permittees (if applicable): NOT APPLICABLE-----BUT GENERAL INFORMATION FORMS FOR THE OTHER 43 MUNICIPALITIES PARTICIPATING IN THE YORK COUNTY REGIONAL CBPRP ARE PROVIDED IN APPENDIX E					
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 storm sewers within the MS4 urbanized area and provide the requested information (see instructions).					
Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Identify any Wasteload Allocations (WLAs) identified in TMDLs for the MS4, if applicable. Identify the pollutant(s) and mass load(s):					
THE REQUESTED WATER QUALITY INFORMATION WAS PROVIDED BY PARTICIPATING MS4 MUNICIPALITIES IN THEIR INDIVIDUAL ANNUAL/PROGRESS REPORTS.					

### BEST MANAGEMENT PRACTICES (BMPs)

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

**THE REQUESTED INFORMATION WAS PROVIDED BY PARTICIPATING MS4 MUNICIPALITIES IN THEIR INDIVIDUAL ANNUAL/PROGRESS REPORTS.**

MS4 TMDL Plan	Chesapeake Bay Pollutant Reduction Plan (CBPRP)
Is the permittee required to develop an MS4 TMDL Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is the permittee required to develop a CBPRP? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What is the status of the TMDL Design Details (if applicable)? <input type="checkbox"/> Under Development (Due Date: ) <input type="checkbox"/> Submitted to DEP (Submission Date: ) <input type="checkbox"/> Approved by DEP (Approval Date: )	What is the status of the CBPRP (if applicable)? <input type="checkbox"/> Under Development (Due Date: ) <input type="checkbox"/> Submitted to DEP (Submission Date: ) <input checked="" type="checkbox"/> Approved by DEP (Approval Date: <b>August 31, 2015</b> )
<p>For permittees with DEP-approved MS4 TMDL Plans and/or CBPRPs, describe progress with implementing BMPs and other activities identified in those plans:</p> <p><b>During the reporting period, 4 BMP projects listed on Table 6 of the Regional CBPRP were completed, including 1 stream restoration with constructed wetlands (#64), 2 bioswales (#s 3 &amp; 5), and 1 filtering practices project (#8). Construction is underway on two additional projects (#38 riparian buffer and #66 stream restoration). Designs for three stream restoration projects (#s 43, 44 &amp; 45) are underway; it is anticipated that permits will be sought in early 2017. Designs were completed for 5 projects (#s 42, 59, &amp; 76 stream restoration, #35 riparian forest buffer, and #79 bioretention/bioswale/water quality filter/wetlands). Sponsors of these projects are awaiting receipt of permits and/or seeking construction funds.</b></p> <p><b>The project numbers referenced above refer to the Project ID numbers on Table 6: York County Regional CBPRP - BMP Projects List. (See Appendix A)</b></p> <p>For permittees with DEP-approved MS4 TMDL Plans and/or CBPRPs, complete the section below. Identify the required pollutant reductions (for those with MS4 TMDL Plans) or pollutant reductions committed to by the permittee (for those with CBPRPs) and the cumulative reductions achieved through implementing the BMPs, as of the end of the reporting period:</p> <p><b>The York County Regional CBPRP BMP Projects List (Table 6) included 70 projects with pollutant reductions as follows: TN 50,753 lbs/yr, TP 15,327 lbs/yr and TSS 23,047,549 lbs/yr, for a combined total pollutant reduction of 23,113,629 lbs/yr. Implementation of these projects looked beyond the five year Permit period.</b></p> <p><b>Together, the projects completed during the reporting period resulted in pollutant reductions of 125,677 lbs/yr, including 1,241 lbs/yr of TN; 80 lbs/yr of TP and 124,356 lbs/yr of TSS).</b></p> <p><b>O &amp; M Plans and/or Agreements for the completed projects are included in Appendix C.</b></p>	

### BMP INVENTORY

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

BMP Name / Description	DA (sf)	Latitude	Longitude	Receiving Waters	Date Installed or Implemented	NPDES Permit?
Municipal Complex Bioswale (Manchester Twp Proj #3)	1,742	40°02'07"	76°75'22"	UNT Little Conewago Creek	April 2016	<input type="checkbox"/>
Spring Road Bioswale (Hellam Twp Proj #5)	36,590	40°02'79"	76°61'92"	UNT Kreutz Creek	July 2016	<input checked="" type="checkbox"/>
Rail Trail Filtering Practices (York City Proj #8)	247,856	39°95'35"	76°73'25"	Willis Run	July 2016	<input type="checkbox"/>
Nixon County Park Stream Restoration/Constructed Wetlands (York Co Parks Proj #64)	268,765	39°88'04"	76°72'66"	UNT Eat Branch Codorus Creek	August 2016	<input checked="" type="checkbox"/>
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### OTHER REQUIRED REPORT ELEMENTS

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

With regard to Table 6, this Progress Report shows 2 BMP Projects that were cancelled during this reporting period (ID#s 10 & 11) at the request of the sponsoring municipality and the addition of 5 new BMP Projects (ID #s 81-85) submitted by participating municipalities. With these changes to Table 6 (see Appendix A), the total pollutant reductions increased to 23,299,381 lbs/year. This includes TN - 51,586 lbs/yr, TP - 15,593 lbs/yr, and TSS - 23,227,081 lbs/yr.

Through the Regional CBPRP, participants committed to considering green infrastructure (GI) for all planned municipal infrastructure upgrades. During the reporting period, there were a total of 37 municipal infrastructure upgrade projects. Of these, 3 incorporated GI components. The others provided justification for why they did not include GI. (See Table 2 in Appendix D) Implementation of the projects on Table 6 also demonstrates progress toward achieving the statutory requirements. This includes completion of 4 BMP projects; construction underway on 2 projects, design underway on 3 projects, and design completed on 5 projects. In addition, design has been completed on 2 of the 5 new projects added to Table 6.

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

The Regional CBPRP contains a BMP Annual Action Plan (see Table 7 in Appendix B), which identifies projects from Table 6 that will be eligible to request funding for implementation from the York County Stormwater Consortium (YCSWC). The Table 7 projects were approved by the YCSWC Regional Committee on November 16, 2016, for the 2016/2017 Annual Action Plan. There are a total of 7 projects on the Action Plan Table.

The Table 6 BMP projects previously noted as being underway or planned for construction will potentially be completed during 2017. Construction funding will be sought to implement the projects that are in various stages of design and permitting. Funding will also be sought for other projects on Table 6.

Participating municipalities will continue to consider incorporating GI into planned municipal infrastructure upgrades.

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

The 44 participating municipalities have entered into an Intergovernmental Cooperation Agreement for Implementation of the Regional CBPRP. A copy of the executed Agreement is included in the DEP approved York County Regional CBPRP. 38 copies of the approved Plan were provided to DEP to place in the file of participating municipalities with an MS4 Permit (33) or and MS4 Waiver (5). The remaining 6 municipalities are non-MS4.

### CERTIFICATION

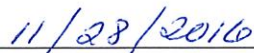
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage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

Felicia Dell, Director, York County Planning  
Commission

  
Signature

Name of Responsible Official

717-771-9870



Telephone No.

Date

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## **APPENDIX A**

### **TABLE 6 BMP PROJECTS LIST UPDATED**

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Table 6: York County Regional CBPRP - BMP Projects List (2015/2016 ANNUAL/PROGRESS REPORT)

Time Line & Status	Proj ID	Jurisdiction/ Party	Project Name	Project Type	Latitude	Longitude	Measure	Unit	TN (lbs/yr)	TP (lbs/yr)	TSS (lbs/yr)	Total Pollutant	MUNI/CWP Total Cost Estimate	\$/lb Total Pollutant
Mid Planned	69	York Twp	Snyder ParkStream Restoration	Stream Restoration	39.93648	-76.70098	1,056	Feet	72	57,288	57,571	114,931	\$55,191	\$0.48
Long Planned	50	Dover Twp	Dover Township Park (old golf course)	Stream Restoration	39.99502	-76.84995	1.45	Acres	188	170	112,200	112,558	\$65,330	\$0.58
Mid Planned	63	Spring Garden Twp	Mill Creek near Mr. Rose Ave.	Stream Restoration	39.96121	-76.68789	10.46	Acres	490	167	132,913	133,570	\$78,396	\$0.59
Long Planned	73	York Twp/IWLA	Barshinger Watershed Ren.	Stream Restoration-GP1 & 3	39.87116	-76.66208	0.02	Acres	12,600	4,284	3,417,750	3,434,634	\$3,150,000	\$0.92
Long Planned	49	Conewago Twp	Little Conewago Creek	Stream Restoration	40.01721	-76.79565	6.6	Acres	13,420	4,563	3,658,158	3,676,141	\$3,506,914	\$0.95
Mid Planned	72	York Twp	Newcomer Farm (Mill Creek)	Stream Restoration	39.93903	-76.67748	5,016	Feet	1,003	341	272,462	273,806	\$262,156	\$0.96
Long Planned	62	Shrewsbury Twp	Deer Creek Initiative	Stream Restoration	39.77163	-76.66513	7.09	Acres	190	65	51,538	51,793	\$49,651	\$0.96
Mid Planned	67	York Twp	Tyler Run Impoundment	Stream Restoration	39.93139	-76.70723	1,795	Feet	359	122	97,379	97,860	\$93,814	\$0.96
Long Planned	65	Windsor Boro	Fishing Creek Study – Stream Restoration	Buffers, Filtering Practices & Stream Stabilization Measures	39.91486	-76.58400	3.00	Acres	1,340	456	363,475	365,271	\$350,169	\$0.96
				Stream Restoration										
Mid Planned	68	York Twp	Queenswood Improvements	Stream Restoration	39.94166	-76.69034	4,858	Feet	972	330	263,547	264,849	\$253,899	\$0.96
Mid Planned	61	Jackson Twp	BMP#3 (UNT W Br Codorus)	Floodplain Restoration	39.89719	-76.85885	5.5	Acres	700	238	189,875	190,813	\$182,924	\$0.96
Mid Planned	55	Fairview Twp	Roof Park (UNT Yellow Breeches)	Stream Bank Restoration	40.19345	-76.89239	1.23	Acres	130	44	35,263	35,437	\$33,972	\$0.96
Short Design Completed	42	York Twp/IWLA	Barshinger Run/Innerest-Subset of Proj ID 73	Stream Restoration	39.87084	-76.66143	2,000	Feet	400	136	320,000	320,536	\$320,000	\$1.00
Mid Planned	57	Goldsboro Boro	138 South York Street (Fishing Creek)	Stream Restoration	40.14940	-76.74874	2.78	Acres	340	116	92,225	92,681	\$95,000	\$1.03
Mid Planned	53	Manchester Twp	Gut Road	Stream Restoration	40.07825	-76.68369	124.9	Acres	788	714	471,240	472,742	\$550,000	\$1.16
Mid Planned	48	York City	UNT Willis Run	Stream Restoration	39.97089	-76.73293	10.00	Acres	1,560	530	423,150	425,240	\$500,000	\$1.18
Long Planned	52	East Manchester Twp	Riverview Road	Stream Restoration	40.05254	-76.64984	16.05	Acres	131	119	78,540	78,790	\$95,000	\$1.21

Time Line & Status	Proj ID	Jurisdiction/ Party	Project Name	Project Type	Latitude	Longitude	Measure	Unit	TN (lbs/yr)	TP (lbs/yr)	TSS (lbs/yr)	Total Pollutant	MUNI/CWP Total Cost Estimate	\$/lb Total Pollutant
Short Planned	33	Felton Boro	Pine Run-Felton Boro	Riparian Forest Buffer	39.85602	-76.56219	5.66	Acres	41	1	846	888	\$1,080	\$1.22
Long Planned	51	East Manchester Twp	55-95 Creek Bottom Road	Stream Restoration	40.08070	-76.71733	3.0	Acres 685 Feet	51	47	30,743	30,841	\$38,000	\$1.23
Long Planned	47	York City	Poor House Run (Memorial Park)	Stream Restoration	39.95543	-76.71401	7.75	Acres 4,320 Feet	864	294	234,360	235,518	\$300,000	\$1.27
Long Planned	46	York City	UNT Willis Run	Stream Restoration	39.96993	-76.75039	0.79	Acres 2,860 Feet	572	194	155,155	155,921	\$200,000	\$1.28
Long Planned	77	Dover Twp	Thunderbird MHP Entrance	Stream Restoration	39.99767	-76.82763	0.27	Acres 630 Feet	47	43	28,274	28,364	\$39,850	\$1.40
Mid Planned	56	Felton Boro	Pine Run – Felton Bor Stream Restoration	Stream Restoration	39.85627	-76.56238	10.45	Acres 1,990 Feet	149	60	67,490	67,699	\$104,005	\$1.54
Completed Yr 1	4	West Manchester Twp	Sunset Park	Bioretention	39.96873	-76.80110	20.00	Acres	232	3	3,222	3,457	\$6,021	\$1.74
Long Planned	85	York City	York City Industrial Park -Stream Work	Stream Restoration	39.98161	-76.75884	2.89	Acres	500	240	150,000	150,740	\$300,000	\$1.99
Short Design Completed	76	Dover Twp	Danielle / Willipa Drives	Stream Restoration	39.97844	-76.82048	1.00	Acres 800 Feet	60	54	35,904	36,018	\$92,000	\$2.55
Short Planned	29	East Manchester Twp	Gut Road Forest	Forest Buffer	40.07708	-76.68334	174.73	Acres	27	1	519	547	\$1,500	\$2.74
Long Planned	74	York Twp/IWLA	Barshinger Watershed Ren. – P1	Stream Restoration	39.87106	-76.66228	8,750	Feet	1,750	595	474,688	477,033	\$1,312,500	\$2.75
Long Planned	75	York Twp/IWLA	Barshinger Watershed Ren.	Stream Restoration	39.87088	-76.66175	8,750	Feet	1,750	595	474,688	477,033	\$1,312,500	\$2.75
Long Planned	78	Hallam Boro	Kreutz Creek MS4 Dischg. Stabilization,Wetlands & Floodplain Restoration	Stream Restoration & Pond Retrofit	40.00034	-76.60993	6.91	Acres 5,425 Feet	2,003	240	458,000	460,243	\$1,380,000	\$3.00
Construction Underway	66	Windsor Boro	Fishing Creek Rehabilitation Project (subset of ID # 65)	Stream Restoration	39.91571	-76.58159	0.2	Acres 500 Feet	100	34	27,125	27,259	\$105,000	\$3.85
Long Planned	16	Hellam Twp	Chelsea Way Pond Retrofit	Pond Retrofit	40.02514	-76.62637	0.14	Acres	63	2	2,288	2,353	\$10,000	\$4.25
Short Planned	28	East Manchester Twp	Riverview Road Forest	Forest Buffer	40.05226	-76.65108	18.30	Acres	1	0	18	19	\$100	\$5.41

Time Line & Status	Proj ID	Jurisdiction/ Party	Project Name	Project Type	Latitude	Longitude	Measure	Unit	TN (lbs/yr)	TP (lbs/yr)	TSS (lbs/yr)	Total Pollutant	MUNI/CWP Total Cost Estimate	\$/lb Total Pollutant
Completed Yr 2	64	Jacobus Boro/York Co Parks	Nixon County Park Stream Restoration	Stream Restoration & Wetlands	39.88048	-76.72666	6.17 Acres 1,500 Feet	Acres Feet	684	68	115,613	116,365	\$630,000	\$5.41
Mid Planned	60	Jackson Twp	BMP#2 (UNT W Br Codorus)	Stream Restoration	39.88641	-76.86956	6.56 Acres 1,000 Feet	Acres Feet	200	68	54,250	54,518	\$300,000	\$5.50
Short Design Underway	44	Codorus Twp/ Springfield Twp/IWLA	Cwiklinski Phase II and Glen Rock Upstream Extension	Stream Restoration	39.80453	-76.74367	13.28 Acres 1,800 Feet	Acres Feet	80	58	38,671	38,809	\$219,480	\$5.66
Short Design Underway	45	Chanceford Twp/Windsor Twp/IWLA	Pine Run	Stream Restoration	39.86835	-76.56269	4.17 Acres 1,350 Feet	Acres Feet	0	93	55,526	55,619	\$348,088	\$6.26
Completed Yr 2	5	Hellam Twp	Spring Road Bioswale	Bioswale	40.02795	-76.61929	0.84 Acres	Acres	530	10	8,235	8,775	\$58,975	\$6.72
Short Design Completed	35	Jackson Twp	BMP#1(UNT W Br Codorus) RFB	Riparian Forest Buffer	39.89689	-76.85409	1.65 Acres	Acres	639	8	5,594	6,241	\$50,000	\$8.01
Completed Yr 1	31	Fairview Twp	Roof Park (UNT to Yellow Breeches)	Riparian Forest Buffer	40.19328	-76.89252	0.79 Acres	Acres	41	0	361	402	\$3,564	\$8.87
Short Design Completed	37	Jackson Twp	BMP#3 (UNT W Br Codorus)	Ripian Forest Buffer	39.89715	-76.85901	2.65 Acres	Acres	111	1	973	1,085	\$10,000	\$9.22
Completed Yr 2	3	Manchester Twp	Manchester Township Municipal Complex	Bioswale	40.02072	-76.75228	0.04 Acres	Acres	24	1	460	485	\$5,000	\$10.31
Short Planned	36	Jackson Twp	BMP#2 (UNT W Br Codorus) RFB	Ripaian Forest Buffer	39.88671	-76.86953	4.48 Acres	Acres	48	1	420	469	\$5,000	\$10.66
Short Design Completed	82	Springfield Twp	Ensminger Drive Swale Rehabilitation	Vegetated swale	39.87552	-76.71974	0.18 Acres	Acres	302	11	20,110	20,423	\$245,000	\$12.00
Short Planned	27	East Manchester Twp	Creek Bottom Road Forest	Forest Buffer	40.08021	-76.71735	7.38 Acres	Acres	8	0	34	42	\$500	\$12.02
Short Planned	24	York Twp	Barshinger Watershed Ren.	Pond Retrofit	39.89127	-76.62236	32.00 Acres	Acres	95	3	3,437	3,535	\$50,000	\$14.14
Mid Planned	20	Shrewsbury Boro	Deer Creek Init – Giant Food	Pond Retrofit #3	39.77210	-76.66906	0.27 Acres	Acres	59	2	2,116	2,177	\$33,188	\$15.24
Mid Planned	15	Fairview Twp	Emily Lane Stormwater Pond	Pond Retrofit	40.18499	-76.83570	0.8 Acres	Acres	24	1	859	884	\$13,477	\$15.25
Short Planned	25	York Twp	Barshinger Watershed Ren. Biscayne Woods	Pond Retrofit	39.89245	-76.62709	21.00 Acres	Acres	62	2	2,234	2,298	\$35,041	\$15.25

Time Line & Status	Proj ID	Jurisdiction/ Party	Project Name	Project Type	Latitude	Longitude	Measure	Unit	TN (lbs/yr)	TP (lbs/yr)	TSS (lbs/yr)	Total Pollutant	MUNI/CWP Total Cost Estimate	\$/lb Total Pollutant
Short Planned	23	York Twp	Barshinger Watershed Ren. Pond Retrofit-Biscayne Woods	Pond Retrofit	39.88777	-76.62295	8.00	Acres	25	1	891	917	\$13,983	\$15.25
Mid Planned	19	Shrewsbury Twp	Deer Creek Init – Grace Church	Pond Retrofit #2	39.77041	-76.66882	1.93	Acres	33	1	1,181	1,215	\$18,531	\$15.25
Long Planned	17	Manchester Twp	I-83 Detention Pond Retrofit	Pond Retrofit	40.04031	-76.74652	3.76	Acres	381	10	13,747	14,138	\$215,635	\$15.25
Short Planned	26	York Twp	Barshinger Watershed Ren.	Pond Retrofit	39.89502	-76.61990	25.00	Acres	75	2	2,704	2,781	\$42,419	\$15.25
Mid Planned	18	Shrewsbury Twp	Deer Creek Init – Grace Church	Pond Retrofit #1	39.77016	-76.67338	0.62	Acres	56	1	2,008	2,065	\$31,503	\$15.26
Mid Planned	21	Windsor Twp	Fishing Creek Study – Pond	Stormwater Basin	39.91203	-76.59676	2.16	Acres	3	0	107	110	\$1,685	\$15.32
Mid Design Completed	59	Jackson Twp	BMP#1(UNT W Br Codorus)	Stream Restoration	39.89693	-76.85404	2.26 800	Acres Feet	60	54	35,904	36,018	\$600,000	\$16.66
Mid Planned	12	York City	York City Industrial Park -Basin	Pond Retrofit	39.98366	-76.75114	4.56	Acres	161	4	5,799	5,964	\$100,000	\$16.77
Mid Planned	13	Dover Twp	Wyngate Detention Basin	Pond Retrofit	39.98346	-76.83972	0.54	Acres	104	4	5,256	5,364	\$98,485	\$18.36
Short Planned	83	Windsor Boro	Stream/Drainage Improvement – Lions Club Property	Stream Channel & Plantings for	39.91716	-76.58271	0.15	Acres	14	12	8,078	8,104	\$150,000	\$18.51
Short Design Underway	43	North Hopewell Twp/ Springfield Twp/IWLA	Zeigler Horse Farm	Stream Restoration	39.85602	-76.65745	11.28 2,100	Acres Feet	62	45	22,884	22,991	\$441,846	\$19.22
Mid Planned	6	Spring Garden Twp	Virginia Ave	Step Pool Conveyance	39.93993	-76.72714	5.27	Acres	709	9	8,764	9,482	\$219,169	\$23.11
Mid Planned	14	Dover Twp	Dover Township Community Center	Pond Retrofit	39.97887	-76.83609	20.12	Acres	90	4	4,538	4,632	\$147,963	\$31.94
Completed Yr 1	2	Hellam Twp	Barshinger Fields	Bioretention	40.01302	-76.59341	1.00	Acres	12	0	161	173	\$6,994	\$40.43
Short Design Completed	84	Windsor Twp	Milner Heights Basin Retrofit	Basin Retrofit	39.93496	-76.60627	2.36	Acres	6	4	1,129	1,139	\$70,000	\$61.46
Short Planned	34	Goldsboro Boro	138 South York Street (Fishing Creek)	Riparian Forest Buffer	40.15008	-76.75113	4.83	Acres	5	0	40	45	\$3,500	\$77.78
Mid Planned	1	York City	Broad Street Greenway	Bioretention	39.96351	-76.71887	6.34	Acres	556	7	7,733	8,296	\$350,000	\$100.00

Time Line & Status	Proj ID	Jurisdiction/ Party	Project Name	Project Type	Latitude	Longitude	Measure	Unit	TN (lbs/yr)	TP (lbs/yr)	TSS (lbs/yr)	Total Pollutant	MUNI/CWP Total Cost Estimate	\$/lb Total Pollutant
Short Design Completed	79	Wrightsville Boro	Riverfront Park GI Plan (Susq River)	Bioswale, Bioretention, Water Quality Filter & Wetlands	40.02535	-76.53480	302.29 Acres 1,500 Feet	Acres	95	4	5,889	5,988	\$1,044,000	\$174.35
Short Planned	81	Red Lion Boro	Horace Mann Ave - BMP #1	Bioretention Beds	39.89485	-76.60682	0.13 Acres	Acres	15	1	500	516	\$90,000	\$174.42
Short Planned	80	Springettsbury Twp/York Co	Prison Property SW Fac Upgrade (UNT Kreutz Creek)	Basin Retrofits	39.98602	-76.65870	0.88 Acres	Acres	40	1	923	964	\$200,000	\$207.47
Completed Yr 1	58	Hellam Twp	Dark Hollow Stream Restoration	Stream bank Restoration	40.03977	-76.53804	0.02 Acres 80 Feet	Acres	0	0	70	70	\$17,436	\$249.44
Construction Underway	38	Windsor Boro	Riparian Buffer	Forest Buffer & Filtering Practices, ie. Wetland Grass Plantings	39.91569	-76.58154	0.19 Acres	Acres	1	0	7	8	\$18,000	\$2,250.00
Completed Yr 2	8	Spring Garden Twp/York City	Rail trail (Market to Kings Mill)	Filtering Practices	39.95352	-76.73255	5.69 Acres	Acres	3	1	48	52	\$1,000,000	\$19,230.77
Long Planned	22	York Twp	Misc. Ponds	Pond Retrofit	39.90982	-76.66039	100.00 Acres	Acres	100	100	100	300	not available	not available
Canceled Yr 1	7	York Twp	MD & PA CG Trail Extension	Bioswale					PROJECT CANCELED					
Canceled Yr 1	9	Fairview Twp	Pinetown Road Bike/ Ped Area	Porous Pavement					PROJECT CANCELED					
Canceled Yr 2	10	York Twp	Mill Creek Preserve Parking Lot	Porous Pavement					PROJECT CANCELED					
Canceled Yr 2	11	York Twp	York Township Park	Porous Pavement					PROJECT CANCELED					
Canceled Yr 1	30	Fairview Twp	North WW Treatment Plant	Riparian Forest Buffer					PROJECT CANCELED					
Canceled Yr 1	32	Fairview Twp	South WW Treatment Plant	Riparian Forest Buffer					PROJECT CANCELED					
Canceled Yr 1	54	Fairview Twp	North WW Treatment Plant	Stream Restoration					PROJECT CANCELED					
Canceled Yr 1	70	York Twp	North Walnut Street	Stream Restoration					PROJECT CANCELED					
Canceled Yr 1	71	York Twp	Mill Creek @ Red Lion	Stream Restoration					PROJECT CANCELED					



BMP Projects by Status

Legend

BMP Projects By Status

- Completed
- Construction Underway
- Design Underway
- Design Completed
- Planned
- Census Urban Areas (2000)
- Impaired Streams
- Lakes and Susquehanna River

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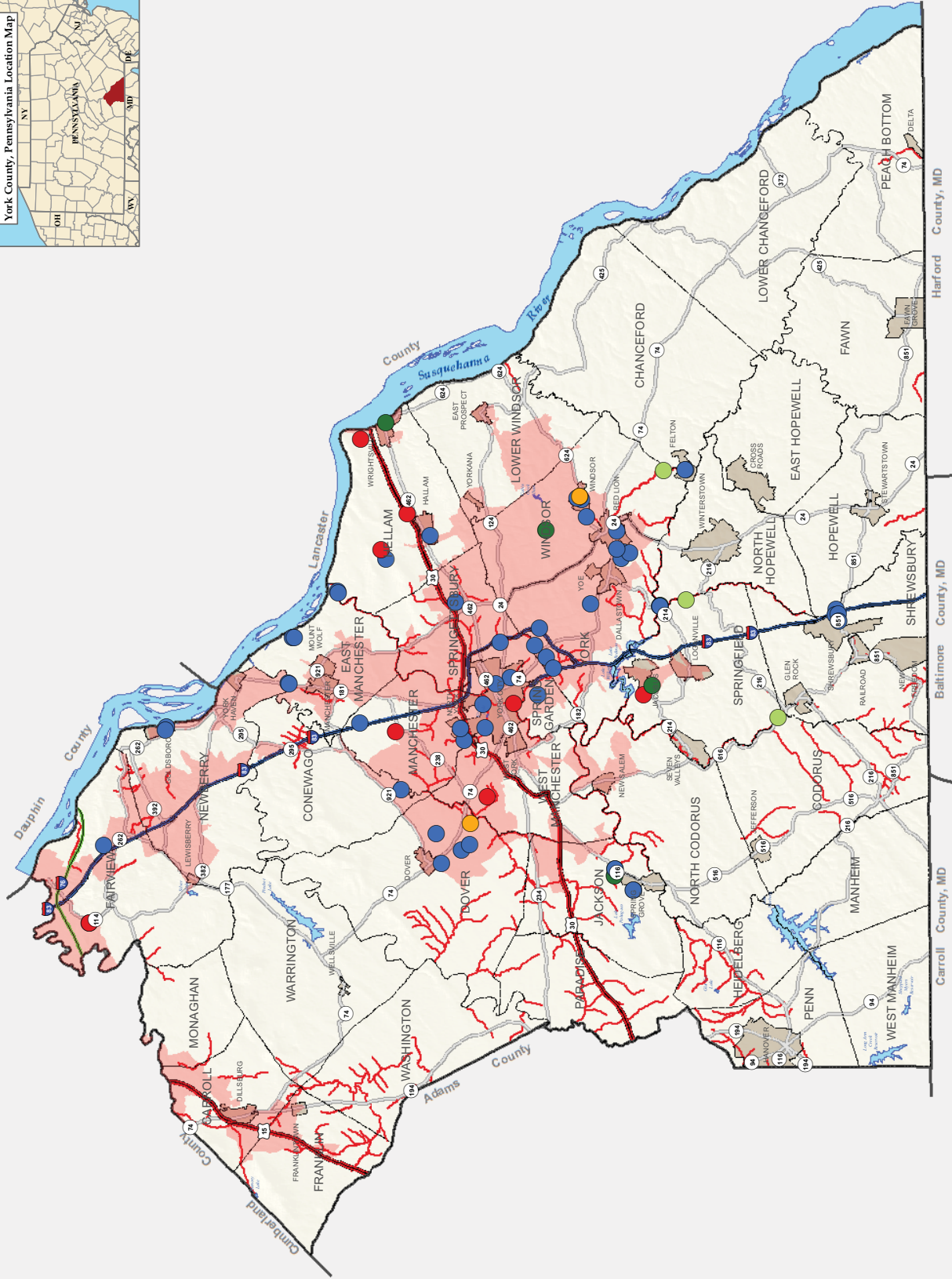
**Disclaimer:**  
The York County Planning Commission provides this Geographic Information System (GIS) map as a public information service. The Data is not a legally recorded plan, survey, official map, or engineering schematic and should be used for only general information. Reasonable efforts have been made to ensure that the Data is correct; however, the Commission does not warrant the completeness, or timeliness. The Commission shall not be liable for any damages that may arise from the use of the Data.

Coordinate System: NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983  
False Easting: 1,968,500.0000  
False Northing: 0.00000000  
Semi-Major Axis: 3,937.0000  
Standard Parallel 1: 39.9333  
Standard Parallel 2: 40.9667  
Central Meridian: -76.9417  
Units: Feet US



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## **APPENDIX B**

### **TABLE 7**

#### **2016 / 2017 ACTION PLAN**

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**Table 7: York County Regional CBPRP 2016-2017 Action Plan**

Time Line	Proj ID	Jurisdiction/Party	Project Name	Project Type	Latitude	Longitude	Measure	Unit	Total Pollutant	Total Cost Estimate*	\$/lb. Total Pollutant
Short	44	Codorus/ Springfield Townships (IWLA)	Cwiklinski Phase II and Glen Rock Upstream Extension (S Br Codorus)	Stream Restoration	39.805452	-76.745026	1,800	feet	3,500,790	\$219,480	\$0.06
Mid	59	Jackson Township	BMP #1 (UNT W Branch Codorus)	Stream Restoration	39.891780	-76.859460	800	feet	36,018	\$365,000	\$10.13
Short	35	Jackson Township	BMP #1 (UNT W Branch Codorus)	Riparian Forest Buffer	39.891780	-76.859460	46	acres	6,241	\$50,000	\$8.01
Short	81	Red Lion Borough	Horace Mann Ave - BMP	Bioretention Beds	39.894850	-76.606820	0.13	acres	516	\$90,000	\$174.42
Short	82	Springfield Township	Ensminger Drive Swale Rehabilitation	Vegetated Swale	39.875520	-76.719740	0.18	acres	20,422	\$245,000	\$12.00
Short	84	Windsor Township	Milnew Heights Basin Retrofit	Basin Retrofit	39.934960	-76.606270	2.36	acres	1,139	\$70,000	\$61.46
Short	79	Wrightsville Borough	Riverfront Park Green Infrastructure Plan	Bioswale, Water Quality Filter, Bioretention & Wetlands	40.025350	-76.534800	302.29	acres	5,988	\$1,044,000	\$174.35

\*Total Cost Estimate includes design, permitting, and construction costs.

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## **APPENDIX C**

### **O & M PLANS / AGREEMENTS FOR TABLE 6 YEAR 2 COMPLETED STORMWATER BMP PROJECTS**

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**Planned Inspection, Operation and Maintenance Plan**

**FOR**

**Municipal Complex Bioswale**

**Project ID #3**

**Manchester Township**

York, PA 17406

York County, Pennsylvania

**PREPARED BY:**

Manchester Township

3200 Farmtrail Road

York, PA 17406

717-764-4646

**October 14, 2016**

## **Planned Inspection, Operation and Maintenance Plan**

### **Municipal Complex Bioswale Project ID #3**

- A. Since this project is on the municipal complex property there is no formal O & M agreement.
- B. The area will be monitored on a monthly basis or after a large rain event to determine:
  - 1. Any structural damage needing repair,
  - 2. Any of the designated plantings that may have died and need replaced,
  - 3. Any foreign vegetation (weeds) that may need removed, and
  - 4. Need for watering to keep plants thriving.
- C. Actions
  - 1. Repair structural damage as needed.
  - 2. Replace any of the designated plants that may have died.
  - 3. Remove any foreign vegetation (weeds).
  - 4. Water plants to maintain them in a healthy state.



**Planned Inspection, Operation and Maintenance Plan & Agreement**

**FOR**

**Spring Road Bioswale**

**Project ID #5**

**Hellam Township**

**York, PA 17406**

**York County, Pennsylvania**

**PREPARED BY:**

**Hellam Township**

**44 Walnut Springs Road**

**York, PA 17406**

**717-434-1300**

**July 14, 2016**

#### Operation and Maintenance Agreement Vegetated Swale – Spring Road to Ore Bank Road

1. After major rain events inspect and correct erosion problems, damage to vegetation, and sediment/debris accumulation
2. After major rain events inspect for pools of standing water, dewater and discharge to an appropriate location. Restore to design grade if needed.
3. Mow or trim vegetation to ensure proper operation and to suppress weeds or invasive vegetation.
4. Every three months inspect for litter
5. Every three months or after a major rain event inspect check dams for sediment build up. Clean check dams as needed and dispose of sediment in an appropriate location.
6. Every three months or after a major rain event inspect check dams for proper functioning and ensure stormwater is not being re-routed and causing erosion
7. Annually reseed bare areas.
8. Clean debris from pipe headwall every three months or after a major rain event to ensure proper functioning

**Planned Inspection, Operation and Maintenance Plan**

**FOR**

**Heritage Rail Trail (Market-Kings Mill) Porous Pavement  
Project ID #8**

**City of York  
York County, PA**

**PREPARED BY:**

CS Davidson, Inc.  
38 North Duke Street  
York, PA 17401  
717-846-4805

**October 20, 2016**

## **Planned Inspection, Operation and Maintenance Plan**

### **Heritage Rail Trail (Market-Kings Mill) Porous Pavement Project ID #8**

- A. Since this project is on City owned land, there is no formal O & M Agreement.
- B. Inspections of the stormwater management BMPs shall be conducted quarterly and after major storm events.
- C. A detailed inspection by a qualified inspector shall be completed annually to ensure that the facility is operating as designed. The inspections should be completed during wet weather.
- D. In addition to regularly scheduled maintenance, deficiencies should be noted during any visit by maintenance personnel.
- E. York City and York College will share operation and maintenance duties. The duties include, but are not limited to:
  - Inlets:
    - Ensure inlet grate is clean and free of debris
    - Ensure inlet bottom is clean and free of obstruction
  - Pervious Pavement:
    - Ensure surface area is clean and free of obstruction
    - Ensure upslope area draining to pervious pavement is stabilized, not eroding and free of debris
    - Mechanical vacuuming of the trail shall occur when required, but at a minimum twice a year

**Planned Inspection, Operation and Maintenance Plan**

**FOR**

**Nixon County Park Stream Restoration**

**Project ID #64**

**Located in Springfield Township & Jacobus Borough**

**York County, PA**

**Projected Sponsored By:**

**York County Department of Parks & Recreation**

**PREPARED BY:**

CS Davidson, Inc.

38 North Duke Street

York, PA 17401

717-846-4805

**October 20, 2016**

#### **IV. O & M PLAN OR AGREEMENT (whichever is applicable)**

At this time, York County Parks does not have responsibilities under the Long-Term Maintenance Plan for this project. See the following plan.

##### **LONG-TERM MANAGEMENT PLAN**

Extensive long-term management is not expected. During the post-construction monitoring, PennDOT will be responsible for maintenance of the wetland site. Springfield Township and Loganville Borough will be responsible for maintenance of the stream site. Once the site has been released from post-construction monitoring, the York County Department of Parks and Recreation will be responsible for long term management of the site. The mitigation site will be included in the Master Site Plan for Nixon Park. The following Draft Nixon Park Wetland and Stream Mitigation Management Plan has been developed by PennDOT for inclusion in the Nixon Park Master Site Plan.

##### **Purpose**

The purpose of this management plan is to maintain the site to ensure that the performance standards set in this mitigation plan will be met (see Section VII for the list of performance standards).

##### **Intended and Accepted Uses**

The intended and accepted uses for the Nixon Park mitigation site are to

1. establish and maintain approximately 1.80 acres of palustrine wetlands to compensate for wetlands permanently impacted by the I-83 Exit 18 Exchange improvements,
2. restore and enhance 1,190 LF of stream channel and riparian zone to compensate for the stream channel adversely impacted by the Loganville Bypass,
3. become part of the York County Park system and part of the Nixon Park Master Site Plan,
4. be used by Nixon Park to provide environmental education and recreational opportunities, including any activity not prohibited by this management plan,
5. install, operate, and maintain education features,
6. plant native vegetation (i.e., trees, shrubs, grasses and forbs) and plant native vegetation (i.e., trees, shrubs, grasses and forbs), and control all invasive species to comprise of less than a total of 15% areal cover and,

7. restore or maintain the topography, hydrology, drainage, structural integrity, streambed, and wetland and vegetative buffer within the mitigation site to the original intent of the mitigation plan.

### Restrictions

Any activity or use of the mitigation site inconsistent with the purpose of the compensatory mitigation project by York County and Nixon Park; subsequent property owner(s); and the personal representatives, heirs, and successors is prohibited. Without limiting the generality of the foregoing and except when an Accepted and Intended Use, or as necessary to accomplish mitigation, the following activities and uses are expressly prohibited in, on, over, or under the mitigation site.

1. **Structures.** The construction of man-made structures including but not limited to the construction, removal, placement, preservation, maintenance, alteration, or decoration of any buildings, roads, utility lines, billboards or other advertising. This restriction does not include deer stands, bat boxes, bird nesting boxes, bird feeders, duck blinds, educational features and the placement of signs for safety purposes or boundary demarcation.
2. **Soils.** The removal, excavation, disturbance, or dredging of soil, sand, peat, gravel, or aggregate material of any kind or any change in the topography of the land, including any discharges of dredged or fill material, ditching, extraction, drilling, driving of piles, mining, or excavation of any kind.
3. **Drainage.** The drainage or disturbance of the surface water level or the water table. All pre-existing or approved project-related drainage discharge features may be maintained.
4. **Waste or Debris.** The storage, dumping, depositing, abandoning, discharging, or releasing of any gaseous, liquid, solid, or hazardous waste substance, materials, or debris of whatever nature on, in, over, or underground or into surface water or groundwater.
5. **Non-Native Species.** The planting or introduction of non-native species not intended to manage other invasive species.
6. **Herbicides, Insecticides and Pesticides.** The use of herbicides, insecticides, or pesticides or other chemicals, except for as may be necessary to control invasive species that threaten the natural character of the mitigation site. State-approved municipal application programs necessary to protect the public health and welfare are not included in this prohibition.
7. **Removal of Vegetation.** The mowing, cutting, pruning, or removal of any kind; disturbance, destruction, or the collection of any trees, shrubs, or other vegetation, except for pruning, cutting, or removal for
  - a. safety purposes or to enhance educational opportunities,

- b. control in accordance with accepted scientific forestry management practices for diseased or dead vegetation,
  - c. control of non-native species and noxious weeds, and
  - d. scientific purposes or nature study.
- 8. **Agricultural Activities.** No part of the mitigation site may be converted or expanded into agricultural usage including horticultural, aquacultural, silvicultural, livestock production, or grazing activities.
- 9. **Other:** Any other activity determined by PennDOT, USACE, or PA DEP not to be consistent with the intent of the mitigation plan is prohibited, without prior approval.

### Inspection

York County, Nixon Park, or their representative shall inspect the mitigation site, including the in-line water control structure, not less than one time per month.

PennDOT, USACE, PA DEP, or their representative shall have unrestricted access to inspect the mitigation site during construction and the five-year post-construction monitoring period.

PennDOT, USACE, PA DEP, or their representative shall be granted free and reasonable access to inspect the mitigation site, with prior notification to Nixon Park.

### ADAPTIVE MANAGEMENT PLAN

The Nixon Park Wetland and Stream Mitigation area will include the following Adaptive Management Plan contingencies.

1. In order to design a mitigation site that meets the necessary performance standards, Basins A and B will be constructed with variable water control structures which would allow for minor modifications in the pool water surface elevation. Water elevations in Basins A and B may be altered during the establishment and monitoring period to initially induce hydration in the basins; increase or decrease hydrology in the wetland areas; and/or treat invasive species. Once the appropriate discharge elevation is determined, to meet DEP and USACE guidance, the outlets will be replaced with fixed-crest weirs to provide for a more natural and low maintenance site. If the structures cannot be replaced, justification must be provided to the DEP and USACE for acceptance as well as the structure must remain fixed.
2. Unless altered by unforeseen events, the grading and stabilization of the site (both wetlands and stream) will be completed in mid-summer to early fall and allowed to reach hydrologic equilibrium over the first winter. The site will be permanently seeded and/or landscaped the following spring.
3. Should the as-built survey or the monitoring data show that the site has not developed the required habitat, PennDOT in coordination with the USACE and PA DEP will develop a remediation plan to bring the site into compliance. Execution of the monitoring plan will be completed by PennDOT maintenance personnel and/or Contract personnel.



## **APPENDIX D**

# **SUMMARY OF PLANNED MUNICIPAL INFRASTRUCTURE UPGRADES**

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Green Infrastructure Considerations Reported for York County Regional CBPRP Annual/Progress Report (09/01/15 -08/31/16)						
Name of Municipality	Infrastructure Upgrade Project	Estimated Date of Upgrade	GI/ESD/LID Considerations			Impervious Acres Treated or Removed
			Non-Structural BMPs	Structural BMP	Other Considerations	
Fairview Township	Gaumer Road		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Repave & install turn lane on Old York Road @ Beinhower Road		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Replace pipes & pave Beinhower Road		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement, Infiltration basin, Subsurface infiltration bed, & Infiltration trench	Cost, feasibility, project timeline, permitting	None, GI was cost prohibitive
	Replace inlets, pipes, and repave Thorley Road		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Overlay portion of Boeing Road		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement		None, GI was cost prohibitive
	Old Depot Road repaving		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Overlay Terrace Place		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Paving of Timber Ridge Subdivision streets		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Timber Ridge inlet and pipe replacement			Infiltration basin, Subsurface infiltration bed, & Infiltration trench	Cost, project timeline, feasibility, adjacent landowners, permitting	None, GI was cost prohibitive
	Repave portion of Evergreen Rd		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Repave portion of Steigerwalt Hollow Road		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
	Crescent Drive repaving		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive

Green Infrastructure Considerations Reported for York County Regional CBPRP Annual/Progress Report (09/01/15 -0 8/31/16)						
Name of Municipality	Infrastructure Upgrade Project	Estimated Date of Upgrade	GI/ESD/LID Considerations			Impervious Acres Treated or Removed
			Non-Structural BMPs	Structural BMP	Other Considerations	
Fairview Township						
	Vista Drive repaving		Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
			Reduce street imperviousness, disconnect from Storm Sewer	Pervious pavement	Cost, feasibility	None, GI was cost prohibitive
Jackson Township	YMCA Drive repaving				Cost, feasibility	None, GI was cost prohibitive
	Annual Paving Project (overlay & roadway maintenance)			Pervious pavement, Bioretention, Impervious removal	Cost, project timeline, feasibility, adjacent landowners, safety, permitting	
North York Borough						None, GI was cost prohibitive
	Laurel Street sewer replacement	August 2016	Reduce street imperviousness	Pervious pavement	Feasibility	None, location of sewer replacement in middle of street made reducing street imperviousness not feasible
	Extend existing twin culvert along Breezewood Drive to reduce safety concerns	June 2016			Feasibility, permitting	None, limited opportunities to incorporate GI with extending culvert
Penn Township	Repave Laurel Drive Pump Station access drive	August 2016			Feasibility, adjacent landowners	None, limited opportunities to incorporate GI
	Hammond Avenue under drain installation	August 2016			Feasibility, safety	None, limited opportunities to incorporate GI
	Little Knoll Drive detention pond maintenance	March 2016			Cost, feasibility	None, GI was cost prohibitive
	Hershey Heights culvert replacement	July 2016			Feasibility, permitting	None, limited opportunities to incorporate GI
Red Lion Borough	Paving, ADA ramps, inlet repairs, roadway base repairs, roadway reconstruction, milling & overlay		Pervious pavement, Bioretention, Impervious removal, & Stream restoration		Cost, feasibility, project timeline, permitting, adjacent landowners, safety	None, cost prohibitive and locationally not feasible
Shrewsbury Township	Paving, ADA ramps, inlet repairs, roadway base repairs, culvert replacements, milling & overlay		Pervious pavement, Bioretention, Impervious removal, & Stream restoration		Cost, feasibility, project timeline, permitting, adjacent landowners, safety	None, cost prohibitive and locationally not feasible
Springettsbury Township	Sentry Woods bypass channel restoration	April 2015		Stream restoration	Adjacent landowners	None, restored existing eroded bypass channel to original design. No add'l GI
	Mill Creek Tributary culvert	Sept 2015		Stream restoration	Adjacent landowners, safety	None, replaced existing undersize culvert w/ properly sized one
West Manchester Township	Base repair, tar & chip, overlay, or micro surface Township roads	May 2016	Reduce street imperviousness, reduce parking imperviousness		Cost, feasibility	None, cost prohibitive and locationally not feasible
	Replace storm sewer pipe	July 2015	Minimize disturbance, minimize soil compaction	Infiltration trench		None, cost prohibitive and locationally not feasible
York City	Paving, ADA ramps, inlet repairs, roadway base repairs, roadway reconstruction, milling & overlay		Pervious pavement, Bioretention, Impervious removal, & Stream restoration		Cost, feasibility, project timeline, permitting, adjacent landowners, safety	None, BMP's were not possible. But bike lanes were

Green Infrastructure Considerations Reported for York County Regional CBPRP Annual/Progress Report (09/01/15 -0 8/31/16)						
Name of Municipality	Infrastructure Upgrade Project	Estimated Date of Upgrade	GI/ESD/LID Considerations			Impervious Acres Treated or Removed
			Non-Structural BMPs	Structural BMP	Other Considerations	
York County	Stormwater swale	July 2015		Vegetated swale		5.00
	Street repaving	July 2016			Cost, feasibility, adjacent landowners, ROW	
York Township	Marlborough Pump Station	June 2016			Cost, feasibility, safety	None, locationally not feasible
	Fitz Park tennis & basketball courts	August 2015			Cost, feasibility, safety	None, work done underground
	Honey Valley Pump Station	August 2015			Cost, feasibility, safety	None
	Synder Park	September 2015	Removed pervious surface and returned to grass	Impervious removal	Cost, feasibility	None, work done underground
	York Township Park trail paving & rehab of 2 Stormwater basins	September 2016		WQ filter/hydrodynamic device, Infiltration basin, & Soil amendment	Cost, feasibility	Yes, removed impervious surface and returned to grass
	Stump Park connection path to Rail Trail	September 2015		Pervious pavement	Cost, feasibility	Yes, paving of the trail
York Haven Borough	Susquehanna Street and Fallsview Street improvements (repaving & ADA ramps)	March 2016		WQ filter/hydrodynamic device	Cost, feasibility	None, GI was cost prohibitive
						None, GI was cost prohibitive

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## **APPENDIX E**

### **GENERAL INFORMATION FORMS FOR OTHER PARTICIPATING MUNICIPALITIES**

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**MS4 PERMIT HOLDERS  
GENERAL INFORMATION FORMS**

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

For the Reporting Period: September 1, 2015 to August 31, 2016

☒ Annual Report  
☐ New Permittee

☒ Progress Report  
☐ Renewal Permittee

Due Date: November 30, 2016

General Information	
Permittee Name: Carroll Township	NPDES Permit No.: <b>PAG 133548</b>
Mailing Address: 555 Chestnut Grove Road	Effective Date: 12-01-04
City, State, Zip: Dillsburg, PA 17019	Expiration Date:
MS4 Contact Person: Brandon Slatt/Faye Romberger	Renewal Due Date: 09-15-12
Title: Brandon- Construction Inspector Faye- Secretary/Manager	Admin. Extended? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-432-4951	Municipality: Carroll Township
Email: Brandon- <a href="mailto:bslatt@carrolltownship.com">bslatt@carrolltownship.com</a> Faye- <a href="mailto:fromberger@carrolltownship.com">fromberger@carrolltownship.com</a>	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

☒ Annual Report  
☐ New Permittee

☒ Progress Report  
☐ Renewal Permittee

Due Date: November 30, 2016

General Information	
Permittee Name: Conewago Township	NPDES Permit No.: <b>PAG 133593</b>
Mailing Address: 490 Copenhaffer Rd	Effective Date: 09-01-13
City, State, Zip: York, PA 17404	Expiration Date: 08-31-18
MS4 Contact Person: Lou Ann Bostic	Renewal Due Date: 03-04-18
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-266-2122	Municipality: Conewago Township
Email: <a href="mailto:conetwp@comcast.net">conetwp@comcast.net</a>	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

☒ Annual Report  
☐ New Permittee

☒ Progress Report  
☐ Renewal Permittee

Due Date: November 30, 2016

General Information	
Permittee Name: Dallastown Borough	NPDES Permit No.: <b>PAG 133676</b>
Mailing Address: 175 E. Broad Street	Effective Date: 04-01-13
City, State, Zip: Dallastown, PA 17313	Expiration Date: 03-31-18
MS4 Contact Person: Connie Stokes	Renewal Due Date: 10-02-17
Title: Manager/Secretary	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-244-6626	Municipality: Dallastown Borough
Email: <a href="mailto:conniestokes@aol.com">conniestokes@aol.com</a>	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

☒ Annual Report  
☐ New Permittee

☒ Progress Report  
☐ Renewal Permittee

Due Date: November 30, 2016

General Information	
Permittee Name: Dillsburg Borough	NPDES Permit No.: <b>PAG 133560</b>
Mailing Address: 151 S. Baltimore Street	Effective Date: 10-01-04
City, State, Zip: Dillsburg, PA 17019	Expiration Date:
MS4 Contact Person: Karen Deibler	Renewal Due Date: 09-15-12
Title: Manager	Admin. Extended? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-432-9969	Municipality: Dillsburg Borough
Email: dillsburg@dillsburg.com	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

☒ Annual Report  
☐ New Permittee

☒ Progress Report  
☐ Renewal Permittee

Due Date: November 30, 2016

General Information	
Permittee Name: Dover Township	NPDES Permit No.: <b>PAG 133656</b>
Mailing Address: 2480 W. Canal Road	Effective Date: 03-16-13
City, State, Zip: Dover, PA 17315	Expiration Date: 03-15-18
MS4 Contact Person: Laura Oswalt	Renewal Due Date: 09-15-17
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-292-3634	Municipality: Dover Township
Email: Laoswalt@dovertownship.org	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

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☒ Progress Report  
☐ Renewal Permittee

Due Date: November 30, 2016

General Information	
Permittee Name: East Manchester Township	NPDES Permit No.: <b>PAG 133601</b>
Mailing Address: 5080 N Sherman Street, Extended	Effective Date: 03-16-13
City, State, Zip: Mt. Wolf, PA 17347	Expiration Date: 03-15-18
MS4 Contact Person: Dave Gentzler	Renewal Due Date: 09-17-17
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-266-4279	Municipality: East Manchester Township
Email: <a href="mailto:dgentzler@comcast.net">dgentzler@comcast.net</a>	County: York
Co-Permittees (if applicable):	





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Due Date: November 30, 2016

General Information	
Permittee Name: Fairview Township	NPDES Permit No.: <b>PAG 133557</b>
Mailing Address: 599 Lewisberry Rd	Effective Date: 03-16-13
City, State, Zip: New Cumberland, PA 17070	Expiration Date: 03-15-18
MS4 Contact Person: Paul Rodrigo	Renewal Due Date: 09-15-17
Title: MS4 Lead	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-901-5272	Municipality: Fairview Township
Email: prodrigo@twp.fairview.pa.us	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Hallam Borough	NPDES Permit No.: <b>PAG 133654</b>
Mailing Address: 250 W Beaver Street	Effective Date: 04-01-13
City, State, Zip: Hallam, PA 17406	Expiration Date: 03-31-18
MS4 Contact Person: Deborah L. Dupler	Renewal Due Date: 10-02-17
Title: Borough Secretary	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-755-0810	Municipality: Hallam Borough
Email: secretary@hallamborough.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Hellam Township	NPDES Permit No.: <b>PAG133589</b>
Mailing Address: 44 Walnut Springs Road	Effective Date: 08-01-13
City, State, Zip: York, PA 17406	Expiration Date: 07-31-18
MS4 Contact Person: Corinna Mann	Renewal Due Date: 02-01-18
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-434-1300	Municipality: Hellam Township
Email: cmann@hellamtownship.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Jackson Township	NPDES Permit No.: <b>PAG133671</b>
Mailing Address: 439 Roth's Church Road	Effective Date: 09-01-13
City, State, Zip: Spring Grove, PA 17362	Expiration Date: 08-31-18
MS4 Contact Person: William J. Conn	Renewal Due Date: 03-01-18
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 171-225-5661	Municipality: Jackson Township
Email: manager@jacksontwp.york.org	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Loganville Borough	NPDES Permit No.: <b>PAG133669</b>
Mailing Address: PO Box 88	Effective Date: 06-01-13
City, State, Zip: Loganville, PA 17342	Expiration Date: 05-31-18
MS4 Contact Person: Ron Tombessi	Renewal Due Date: 12-02-17
Title: Borough Council President	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-428-3989	Municipality: Loganville Borough
Email: rrtombesi@aol.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Lower Windsor Township	NPDES Permit No.: <b>PAG133626</b>
Mailing Address: 2425 Craley Road	Effective Date: 04-01-13
City, State, Zip: Wrightsville, PA 17368	Expiration Date: 03-31-18
MS4 Contact Person: Maureen Hartman	Renewal Due Date: 10-02-17
Title: Township Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-244-6813	Municipality: Lower Windsor Township
Email: mhartman@lowerwindsor.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Manchester Borough	NPDES Permit No.: <b>PAG133586</b>
Mailing Address: 225 S Main Street	Effective Date: 08-01-13
City, State, Zip: Manchester, PA 17345	Expiration Date: 07-31-18
MS4 Contact Person: Judith R. Hilliard	Renewal Due Date: 02-01-18
Title: Secretary	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-266-1022	Municipality: Manchester Borough
Email: jrhmanboro@verizon.net	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Manchester Township	NPDES Permit No.: <b>PAG133674</b>
Mailing Address: 3200 Farmtrail Road	Effective Date: 05-01-13
City, State, Zip: York, PA 17406	Expiration Date: 04-30-18
MS4 Contact Person: Stewart S. Olewiler, III	Renewal Due Date: 11-01-17
Title: Zoning & Planning Officer	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-764-4646	Municipality: Manchester Township
Email: <a href="mailto:s.olewiler@mantwp.com">s.olewiler@mantwp.com</a>	County: York
Co-Permittees (if applicable):	





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Due Date: November 30, 2016

General Information	
Permittee Name: Monaghan Township	NPDES Permit No.: <b>PAG133562</b>
Mailing Address: 202 S York Road	Effective Date: 08-01-13
City, State, Zip: Dillsburg, PA 17055	Expiration Date: 07-31-18
MS4 Contact Person: Linda Altland	Renewal Due Date: 01-31-18
Title: Secretary/Treasurer	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-697-2132	Municipality: Monaghan Township
Email: monaghantownship@comcast.net	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Mount Wolf Borough	NPDES Permit No.: <b>PAG133675</b>
Mailing Address: PO Box 458	Effective Date: 03-16-13
City, State, Zip: Mt. Wolf, PA 17347	Expiration Date: 03-15-18
MS4 Contact Person: Dennis Naylor	Renewal Due Date: 09-17-17
Title: Vice-President, Borough Council	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-266-3211	Municipality: Mount Wolf Borough
Email: dnaylor@aol.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Newberry Township	NPDES Permit No.: <b>PAG133561</b>
Mailing Address: 1915 Old Trail Road	Effective Date: 08-01-14
City, State, Zip: Etters, PA 17319	Expiration Date: 07-31-19
MS4 Contact Person: Donald Keener	Renewal Due Date: 02-01-19
Title: Township Manager	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-938-6992	Municipality: Newberry Township
Email: dkeener@newberrytwp.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: North York Borough	NPDES Permit No.: <b>PAG133581</b>
Mailing Address: 350 E Sixth Avenue	Effective Date: 01-01-14
City, State, Zip: York, PA 17404	Expiration Date: 12-31-18
MS4 Contact Person: Sam Spagnola/Jeff Spangler	Renewal Due Date: 07-01-18
Title: Borough Manager/ Borough Engineer	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-845-3979 / 717-846-4373	Municipality: North York Borough
Email: Sam- <a href="mailto:boroughofnorthyork_905@comcast.net">boroughofnorthyork_905@comcast.net</a> Jeff- <a href="mailto:jspangler@jrholley.com">jspangler@jrholley.com</a>	County: York
Co-Permittees (if applicable):	



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

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Due Date: November 30, 2016

General Information	
Permittee Name: Red Lion Borough	NPDES Permit No.: <b>PAG133651</b>
Mailing Address: 11 E Broadway	Effective Date: 01-01-15
City, State, Zip: Red Lion, PA 17356	Expiration Date: 12-31-19
MS4 Contact Person: Dianne Price	Renewal Due Date: 07-01-19
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-244-3475	Municipality: Red Lion Borough
Email: <a href="mailto:dprice@redlionpa.org">dprice@redlionpa.org</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Springettsbury Township	NPDES Permit No.: <b>PAG133594</b>
Mailing Address: 1501 Mount Zion Road	Effective Date: 04-01-14
City, State, Zip: York, PA 17402	Expiration Date: 03-31-19
MS4 Contact Person: Kristen Denne	Renewal Due Date: 10-02-18
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-757-3521	Municipality: Springettsbury Township
Email: Kristen.denne@springettsbury.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Springfield Township	NPDES Permit No.: <b>PAG133652</b>
Mailing Address: 9211 Susquehanna Trial S	Effective Date: 04-01-13
City, State, Zip: Seven Valleys, PA 17360	Expiration Date: 03-31-18
MS4 Contact Person: Tommy L. Wolfe	Renewal Due Date: 10-02-17
Title: Supervisor	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-428-1413	Municipality: Springfield Township
Email: <a href="mailto:barbspringfield9211@comcast.net">barbspringfield9211@comcast.net</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Spring Garden Township	NPDES Permit No.: <b>PAG133576</b>
Mailing Address: 558 South Ogontz Street	Effective Date: 04-01-13
City, State, Zip: York, PA 17403	Expiration Date: 03-31-18
MS4 Contact Person: Thomas I. Warman	Renewal Due Date: 09-30-17
Title: Township Commissioner	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-846-0482	Municipality: Spring Garden Township
Email: <a href="mailto:twarman@sgtwp.org">twarman@sgtwp.org</a>	County: York
Co-Permittees (if applicable):	





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

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Due Date: November 30, 2016

General Information	
Permittee Name: West Manchester Township	NPDES Permit No.: <b>PAG133655</b>
Mailing Address: 380 East Berlin Road	Effective Date: 03-15-013
City, State, Zip: York, PA 17403	Expiration Date: 03-14-18
MS4 Contact Person: Zane Williams	Renewal Due Date: 09-15-17
Title: MS4 Coordinator	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-792-3505	Municipality: West Manchester Township
Email: <a href="mailto:zwilliams@westmanchestertownship.com">zwilliams@westmanchestertownship.com</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: West York Borough	NPDES Permit No.: <b>PAG133649</b>
Mailing Address: 1700 W Philadelphia Street	Effective Date: 04-01-13
City, State, Zip: York, PA 17404	Expiration Date: 03-31-18
MS4 Contact Person: Kathy L. Altland	Renewal Due Date: 10-02-17
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-846-8889	Municipality: West York Borough
Email: <a href="mailto:kaltlandwyb@verizon.net">kaltlandwyb@verizon.net</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Windsor Borough	NPDES Permit No.: <b>PAG133673</b>
Mailing Address: PO Box 190	Effective Date: 03-16-13
City, State, Zip: Windsor, PA 17366	Expiration Date: 03-15-18
MS4 Contact Person: Donna Martin	Renewal Due Date: 09-17-17
Title: Secretary/Treasurer	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-244-6615	Municipality: Windsor Borough
Email: <a href="mailto:djmwindor@comcast.net">djmwindor@comcast.net</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Windsor Township	NPDES Permit No.: <b>PAG133670</b>
Mailing Address: 1480 Windsor Road	Effective Date: 08-01-13
City, State, Zip: Red Lion, PA 17356	Expiration Date: 07-31-18
MS4 Contact Person: Kipp D. Allison	Renewal Due Date: 02-01-18
Title: Zoning Officer, BCO	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-244-3512	Municipality: Windsor Township
Email: <a href="mailto:kallison@windsortwp.com">kallison@windsortwp.com</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Wrightsville Borough	NPDES Permit No.: <b>PAG133685</b>
Mailing Address: 601 Water Street	Effective Date: 04-01-13
City, State, Zip: Wrightsville, PA 17368	Expiration Date: 03-15-18
MS4 Contact Person: Tammie Hoff	Renewal Due Date: 09-15-17
Title: Assistant Secretary	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-252-2768	Municipality: Wrightsville Borough
Email: <a href="mailto:mwirls@wrightsvilleborough.com">mwirls@wrightsvilleborough.com</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Yoe Borough	NPDES Permit No.: <b>PAG133657</b>
Mailing Address: 150 North Maple Street	Effective Date: 05-01-13
City, State, Zip: Yoe, PA 17313	Expiration Date: 04-30-18
MS4 Contact Person: Seth R. Noll	Renewal Due Date: 11-01-17
Title: Borough Council Vice President	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-324-2020	Municipality: Yoe Borough
Email: <a href="mailto:yoeborough@comcast.net">yoeborough@comcast.net</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: City of York	NPDES Permit No.: <b>PAG133596</b>
Mailing Address: 101 S George Street, PO Box 509	Effective Date: 04-01-13
City, State, Zip: York, PA 17401	Expiration Date: 03-31-18
MS4 Contact Person: James E. Gross	Renewal Due Date: 10-02-17
Title: Director of Public Works	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-849-2302	Municipality: City of York
Email: <a href="mailto:jgross@yorkcity.og">jgross@yorkcity.og</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: York Township	NPDES Permit No.: <b>PAG133595</b>
Mailing Address: 190 Oak Rd	Effective Date: 08-01-13
City, State, Zip: Dallastown PA 17313	Expiration Date: 07-31-18
MS4 Contact Person: Gary S. Milbrand, P.E., CFM	Renewal Due Date: 01-31-18
Title: GIS Engineer	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-741-3861 ext133	Municipality: York Township
Email: G.Milbrand@YorkTownship.com	County: York
Co-Permittees (if applicable):	





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Due Date: November 30, 2016

General Information	
Permittee Name: Yorkana Borough	NPDES Permit No.: <b>PAG133653</b>
Mailing Address: 71 Main Street	Effective Date: 04-01-13
City, State, Zip: Yorkana PA 17406-8204	Expiration Date: 03-31-18
MS4 Contact Person: Steven Daugherty	Renewal Due Date: 10-02-17
Title: Council Member	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-757-2717	Municipality: Yorkana Borough
Email: <a href="mailto:info@daughertyteam.com">info@daughertyteam.com</a>	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: York Haven Borough	NPDES Permit No.: <b>PAG133672</b>
Mailing Address: 2 N Pennsylvania Ave PO Box 169	Effective Date: 08-01-13
City, State, Zip: York Haven, PA 17370	Expiration Date: 07-31-18
MS4 Contact Person: Pamela Billet	Renewal Due Date: 02-01-18
Title: Borough Secretary	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-266-7261	Municipality: York Haven Borough
Email: yorkhavenborough@comcast.net	County: York
Co-Permittees (if applicable):	

**MS4 WAIVER MUNICIPALITIES  
GENERAL INFORMATION FORMS**

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Due Date: November 30, 2016

General Information	
Permittee Name: Dover Borough / Waiver	NPDES Permit No.: PA Waiver
Mailing Address: Butter Road	Effective Date: 05-22-13
City, State, Zip: Dover, PA 17315-1225	Expiration Date: 05-21-18
MS4 Contact Person: Bradley Lentz	Renewal Due Date: 11-22-17
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-292-6530	Municipality: Dover Borough
Email: blentzdoverboro@comcast.net	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Goldsboro Borough / Waiver	NPDES Permit No.: PA Waiver of PAG 133665
Mailing Address: PO Box 14	Effective Date: 03-16-13
City, State, Zip: Etters, PA 17319	Expiration Date: 03-15-18
MS4 Contact Person: Lee Fishel	Renewal Due Date: 09-17-17
Title: Manager	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-938-3456	Municipality: Goldsboro Borough
Email: <a href="mailto:goldsboroborough@comcast.net">goldsboroborough@comcast.net</a>	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

☒ Annual Report  
☐ New Permittee

☒ Progress Report  
☐ Renewal Permittee

Due Date: November 30, 2016

General Information	
Permittee Name: Jacobus Borough / Waiver	NPDES Permit No.: PA Waiver of PAG133647
Mailing Address: 126 N. Cherry Lane	Effective Date: 05-09-13
City, State, Zip: Jacobus, PA 17407-1000	Expiration Date: 05-08-18
MS4 Contact Person: Cynthia M. Ferree	Renewal Due Date: 11-09-17
Title: Brandon- Office Manager-Treasurer	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-428-1752	Municipality: Jacobus Borough
Email: jacobusborough@verizon.net	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Lewisberry Borough / Waiver	NPDES Permit No.: PA Waiver of PAG133624
Mailing Address: PO Box 186	Effective Date: 11-22-13
City, State, Zip: Lewisberry, PA 17339	Expiration Date: 11-21-18
MS4 Contact Person: Mackensie Greene	Renewal Due Date: 05-25-18
Title: Secretary	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-938-3596	Municipality: Lewisberry Borough
Email: Boro.manager@lewsiberryborough.org	County: York
Co-Permittees (if applicable):	





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Due Date: November 30, 2016

General Information	
Permittee Name: North Codorus Township/ Waiver	NPDES Permit No.: PA Waiver of PAG133620
Mailing Address: 1986 Stoverstown Rd	Effective Date: 11-20-14
City, State, Zip: Spring Grove, PA 17362-7804	Expiration Date: 11-19-19
MS4 Contact Person: Nelson Brenneman	Renewal Due Date: 05-22-19
Title: Chairman, Board of Supervisors	Admin. Extended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Phone: 717-225-4812	Municipality: North Codorus Township
Email: pantherhillfarms@hotmail.com	County: York
Co-Permittees (if applicable):	

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**NON-MS4 MUNICIPALITIES  
GENERAL INFORMATION FORMS**

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

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Due Date: November 30, 2016

General Information	
Permittee Name: Felton Borough / Non-MS4	NPDES Permit No.: N/A
Mailing Address: 88 Main St	Effective Date: N/A
City, State, Zip: Felton, PA 17332	Expiration Date: N/A
MS4 Contact Person: Joy Flinchbaugh	Renewal Due Date: N/A
Title: Secretary	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-246-6493	Municipality: Felton Borough
Email: Feltonborough@aol.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: Glen Rock Borough / Non-MS4	NPDES Permit No.: N/A
Mailing Address: PO Box 116	Effective Date: N/A
City, State, Zip: Glen Rock, PA 17327	Expiration Date: N/A
MS4 Contact Person: Ann Merrick	Renewal Due Date: N/A
Title: Secretary/Treasurer	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-235-3206	Municipality: Glen Rock Borough
Email: glenrockborough@comcast.net	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

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Due Date: November 30, 2016

General Information	
Permittee Name: Hanover Borough / Non-MS4	NPDES Permit No.: N/A
Mailing Address: 44 Frederick St	Effective Date: N/A
City, State, Zip: Hanover, PA 17331	Expiration Date: N/A
MS4 Contact Person: Zachery Steckler	Renewal Due Date: N/A
Title: Engineering Staff	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-637-3877	Municipality: Hanover Borough
Email: zsteckler@borough.hanover.pa.us	County: York
Co-Permittees (if applicable):	



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

For the Reporting Period: September 1, 2015 to August 31, 2016

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Due Date: November 30, 2016

General Information	
Permittee Name: Penn Township / Non-MS4	NPDES Permit No.: N/A
Mailing Address: 20 Wayne Ave	Effective Date: N/A
City, State, Zip: Hanover, PA 17331	Expiration Date: N/A
MS4 Contact Person: Kristina Rodgers	Renewal Due Date: N/A
Title: Township Manager	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-632-7366	Municipality: Penn Township
Email: pennadmin@comcast.net	County: York
Co-Permittees (if applicable):	





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Due Date: November 30, 2016

General Information	
Permittee Name: Shrewsbury Township / Non-MS4	NPDES Permit No.: N/A
Mailing Address: 11505 Susquehanna Trail S	Effective Date: N/A
City, State, Zip: Glen Rock, PA 17327	Expiration Date: N/A
MS4 Contact Person: Todd A. Zeigler	Renewal Due Date: N/A
Title: Township Manager	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-235-3011 (ext. 106)	Municipality: Shrewsbury Township
Email: manager@shrewsburytownship.com	County: York
Co-Permittees (if applicable):	



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Due Date: November 30, 2016

General Information	
Permittee Name: West Manheim Township / Non-MS4	NPDES Permit No.: N/A
Mailing Address: 2412 Baltimore Pike	Effective Date: N/A
City, State, Zip: Hanover PA 17331	Expiration Date: N/A
MS4 Contact Person: Marc Woerner	Renewal Due Date: N/A
Title: Township Manager	Admin. Extended? <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 717-632-0320	Municipality: West Manheim Township
Email: mwoerner@westmanheimtwp.com	County: York
Co-Permittees (if applicable):	