

MCM #5 Appendix

- MCM #5 Project Plan
- BMP 5.3 Attachments
 - BMP Field Inspections

MCM #5 Project Plan

- BMP 5.1

Description:

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.

Measurable Goal:

1. Municipal permittees shall enact, implement, and enforce an ordinance to require the implementation of PCSM BMPs, including sanctions for non-compliance. All municipal permittees shall submit a copy of an ordinance that is consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j) as an attachment to an Annual MS4 Status Report by September 30, 2022 (existing permittees) or the fourth (4th) Annual MS4 Status Report following approval of coverage under this General Permit (new permittees).
2. Permittees that lack the authority to enact ordinances shall develop, implement and enforce an SOP to require the implementation and maintenance of PCSM BMPs and submit the SOP to DEP by September 30, 2022 (existing permittees) or the fourth (4th) Annual MS4 Status Report following approval of coverage under this General Permit (new permittees).

Action Plan:

None Specified

- BMP 5.2

Description:

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. Guidance on implementing LID practices may be found on DEP's MS4 website, www.dep.pa.gov/MS4. Enact ordinances consistent with LID practices and repeal sections of ordinances that conflict with LID practices. Submission of an ordinance that is consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j) will satisfy this BMP.

Measurable Goal:

None

Action Plan:

None Specified

- BMP 5.3

Description:

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.

Measurable Goal:

An inventory of PCSM BMPs shall be developed by new permittees by the end of the first year of General Permit coverage and shall be continually updated during the term of coverage under the General Permit as development projects are reviewed, approved, and constructed. Existing permittees shall update and maintain its current inventory during the term of coverage under the

General Permit. The permittee must track the following information in its PCSM BMP inventory:

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

Action Plan:

None Specified

BMP Inventory

Name/ID	NPDES Permit No.	Site Address			Latitude	Longitude	Type	BMP Owner	Year of Installation	O&M Responsibility
		Street	City	State						
Prospect Road Sheetz	PAG02003612073	4010 Columbia Ave	Columbia	PA	40° 2'9.58"N	76°27'19.22"W	Stormwater Basin	Sheetz, Inc.	2015	Sheetz, Inc.
Prospect Road Sheetz	PAG02003612073	4010 Columbia Ave	Columbia	PA	40° 2'8.15"N	76°27'24.02"W	Grass Swale	Sheetz, Inc.	2015	Sheetz, Inc.
Prospect Road Sheetz	PAG02003612073	4010 Columbia Ave	Columbia	PA	40° 2'9.09"N	76°27'20.91"W	Street Sweeping	Sheetz, Inc.	2015	Sheetz, Inc.
Prospect Road Sheetz	PAG02003612073	4010 Columbia Ave	Columbia	PA	40° 2'9.85"N	76°27'21.62"W	Snout Inlet Inserts	Sheetz, Inc.	2015	Sheetz, Inc.
Chatsworth	PAG2003607070	702 Bridle Wreath Lane	Lancaster	PA	40° 3'44.59"N	76°24'47.71"W	Infiltration Basin	Steven P and Jody L Buterbaugh	2008	Chatsworth HOA
Hempfield Gardens		1014 Prospect Road	Columbia	PA	40° 2'58.16"N	76°27'24.45"W	Stormwater Basin	Tracy L. & Harold J. Dubensky	2010	Tracy L. & Harold J. Dubensky
Concordia(Wild Cherry) Estates	PAG2003607061	2 Maryann Court	Columbia	PA	40° 3'5.05"N	76°27'12.10"W	Grass Swale	Michael and Mary Ellen Reitmeyer	2010	Michael and Mary Ellen Reitmeyer
Concordia(Wild Cherry) Estates	PAG2003607061	6 Maryann Court	Columbia	PA	40° 3'6.46"N	76°27'9.34"W	Grass Swale	Diane L. and Adam J. Bottenfield	2010	Diane L. and Adam J. Bottenfield
Concordia(Wild Cherry) Estates	PAG2003607061	4 Maryann Court	Columbia	PA	40° 3'6.46"N	76°27'9.34"W	Grass Swale	Jared J. and Whitney L. Dover	2010	Jared J. and Whitney L. Dover
Concordia(Wild Cherry) Estates	PAG2003607061	3 Maryann Court	Columbia	PA	40° 3'6.11"N	76°27'14.46"W	Grass Swale	Beth L. Chrismer	2010	Beth L. Chrismer
Concordia(Wild Cherry) Estates	PAG2003607061	3 Maryann Court	Columbia	PA	40° 3'6.90"N	76°27'14.19"W	Grass Swale	Beth L. Chrismer	2010	Beth L. Chrismer
Concordia(Wild Cherry) Estates	PAG2003607061	5 Maryann Court	Columbia	PA	40° 3'8.02"N	76°27'14.00"W	Grass Swale	Richard D. And Michele D. Delgiorno	2010	Richard D. And Michele D. Delgiorno
Concordia(Wild Cherry) Estates	PAG2003607061	5 Maryann Court	Columbia	PA	40° 3'8.52"N	76°27'14.02"W	Grass Swale	Richard D. And Michele D. Delgiorno	2010	Richard D. And Michele D. Delgiorno
Concordia(Wild Cherry) Estates	PAG2003607061	5 Maryann Court	Columbia	PA	40° 3'7.73"N	76°27'11.44"W	Grass Swale	Richard D. And Michele D. Delgiorno	2010	Richard D. And Michele D. Delgiorno
Concordia(Wild Cherry) Estates	PAG2003607061	6 Maryann Court	Columbia	PA	40° 3'7.73"N	76°27'11.44"W	Grass Swale	Diane L. and Adam J. Bottenfield	2010	Diane L. and Adam J. Bottenfield
Concordia(Wild Cherry) Estates	PAG2003607061	5 Maryann Court	Columbia	PA	40° 3'8.24"N	76°27'12.00"W	Forebay	Richard D. And Michele D. Delgiorno	2010	Richard D. And Michele D. Delgiorno
Concordia(Wild Cherry) Estates	PAG2003607061	5 Maryann Court	Columbia	PA	40° 3'8.35"N	76°27'12.78"W	Stormwater Basin	Richard D. And Michele D. Delgiorno	2010	Richard D. And Michele D. Delgiorno
Concordia(Wild Cherry) Estates	PAG2003607061	6 Maryann Court	Columbia	PA	40° 3'8.18"N	76°27'10.43"W	Stormwater Basin	Diane L. and Adam J. Bottenfield	2010	Diane L. and Adam J. Bottenfield

BMP Inventory

Mitchell S. Weaver	PAG02003610066	4418 Fairview Road	Columbia	PA	40° 3'14.86"N	76°29'3.34"W	Retention Basin	Mitchell & Cheree Weaver	2012	Mitchell S & Cheree R Weaver
Mitchell S. Weaver	PAG02003610066	4418 Fairview Road	Columbia	PA	40° 3'14.86"N	76°29'1.74"W	Infiltration Trench	Mitchell & Cheree Weaver	2012	Mitchell S & Cheree R Weaver
Mitchell S. Weaver	PAG02003610066	4418 Fairview Road	Columbia	PA	40° 3'18.69"N	76°29'1.08"W	Infiltration Trench	Mitchell & Cheree Weaver	2012	Mitchell S & Cheree R Weaver
Mitchell S. Weaver	PAG02003610066	4418 Fairview Road	Columbia	PA	40° 3'13.57"N	76°29'5.03"W	Infiltration Trench	Mitchell & Cheree Weaver	2012	Mitchell S & Cheree R Weaver
Sylvan View - Phase 1	PAG02003612058	3922 Archer Lane	Columbia	PA	40° 2'36.52"N	76°26'55.67"W	Stormwater Basin	Sylvan Partners, LP	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	3922 Archer Lane	Columbia	PA	40° 2'34.24"N	76°26'58.39"W	Water Quality Facility	Sylvan Partners, LP	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	3922 Archer Lane	Columbia	PA	40° 2'33.55"N	76°26'59.20"W	Water Quality Facility	Sylvan Partners, LP	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	3911 Archer Lane	Columbia	PA	40° 2'39.57"N	76°26'54.18"W	Grass Swale	Geoffery and Jennifer A Gustafson	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	3909 Archer Lane	Columbia	PA	40° 2'39.74"N	76°26'52.27"W	Grass Swale	Sylvan Partners, LP	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	3905 Archer Lane	Columbia	PA	40° 2'39.41"N	76°26'50.94"W	Grass Swale	Builders Services Group, Inc.	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	3903Archer Lane	Columbia	PA	40° 2'39.41"N	76°26'50.94"W	Grass Swale	Carl E III and Kandi L Koltz	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	3901 Archer Lane	Columbia	PA	40° 2'39.41"N	76°26'50.94"W	Grass Swale	John L Ferrick	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	Archer Lane	Columbia	PA	40° 2'41.15"N	76°26'55.78"W	Grass Swale	Sylvan Partners, LP	2013	Sylvan View HOA
Sylvan View - Phase 1	PAG02003612058	Archer Lane	Columbia	PA	40° 2'38.62"N	76°26'54.43"W	Pipe	West Hempfield Township	2013	West Hempfield Township
Windsor Court	PAG2003603018	3910 Concordia Road	Columbia	PA	40° 3'1.66"N	76°27'7.17"W	Grass Swale	WEST HEMPFIELD TOWNSHIP		WEST HEMPFIELD TOWNSHIP/ IN ROW
Windsor Court	PAG2003603018	430 Windsor Court	Columbia	PA	40° 2'57.90"N	76°27'10.93"W	Grass Swale	ELISE A GAVROCK		ELISE A GAVROCK
Windsor Court	PAG2003603018	440 Windsor Court	Columbia	PA	40° 2'58.16"N	76°27'10.03"W	Grass Swale	MATTHEW AND MEGAN TRANSUE		MATTHEW AND MEGAN TRANSUE
Windsor Court	PAG2003603018	450 Windsor Court	Columbia	PA	40° 2'58.48"N	76°27'8.95"W	Grass Swale	SHAWN & LAURA BAILEY GALLAGHER		SHAWN & LAURA BAILEY GALLAGHER
Windsor Court	PAG2003603018	460 Windsor Court	Columbia	PA	40° 2'58.79"N	76°27'8.17"W	Grass Swale	GREGORY D AND BEVERLY A FUNK		GREGORY D AND BEVERLY A FUNK
Windsor Court	PAG2003603018	470 Windsor Court	Columbia	PA	40° 2'59.04"N	76°27'7.24"W	Grass Swale	KARA L DONATUCCI PHAM AND MICHAEL T PHAM		KARA L DONATUCCI PHAM AND MICHAEL T PHAM

BMP Inventory

Windsor Court	PAG2003603018	475 Vista Road	Columbia	PA	40° 3'2.77"N	76°27'0.08"W	Grass Swale	ROBERT A & LYNNE E CIEPIELA		ROBERT A & LYNNE E CIEPIELA
Windsor Court	PAG2003603018	465 Vista Road	Columbia	PA	40° 3'3.02"N	76°26'59.15"W	Grass Swale	PAUL A & PAMELA L GIMESON		PAUL A & PAMELA L GIMESON
Windsor Court	PAG2003603018	495 Vista Road	Columbia	PA	40° 3'2.55"N	76°27'1.57"W	Grass Swale	KEITH A & BARBARA J SHEFFER		KEITH A & BARBARA J SHEFFER
Windsor Court	PAG2003603018	Concordia Road	Columbia	PA	40° 3'1.78"N	76°27'4.90"W	Stormwater Basin	WINDSOR COURT COMMUNITY ASSOCIATION, INC.	2003	WINDSOR COURT COMMUNITY ASSOCIATION, INC.
Windsor Court	PAG2003603018	Concordia Road	Columbia	PA	40° 2'58.86"N	76°27'3.99"W	Stormwater Basin	WINDSOR COURT COMMUNITY ASSOCIATION, INC.	2003	WINDSOR COURT COMMUNITY ASSOCIATION, INC.
Murry Ridge	PAR10-O-520	Donnerville Road	Mountville	PA	40° 2'49.96"N	76°24'52.12"W	Stormwater Basin	West Hempfield Township	>2003	West Hempfield Township
Murry Ridge	PAR10-O-520	Greenridge Drive	Mountville	PA	40° 2'53.40"N	76°24'54.03"W	Pavers	West Hempfield Township		West Hempfield Township
Murry Ridge	PAR10-O-520	298 North Donnerville Road	Mountville	PA	40° 2'53.49"N	76°24'52.85"W	Pavers	Richard B and Joanne A Murry		
Murry Ridge	PAR10-O-520	352 Brendalynn Drive	Mountville	PA	40° 2'56.77"N	76°24'58.85"W	Grass Swale	Craig S and Heather P Givens		Craig S and Heather P Givens
Murry Ridge	PAR10-O-520	350 Brendalynn Drive	Mountville	PA	40° 2'58.15"N	76°24'59.61"W	Grass Swale	Dustin S and Melissa C Koehler		Dustin S and Melissa C Koehler
Murry Ridge	PAR10-O-520	348 Brendalynn Drive	Mountville	PA	40° 2'58.98"N	76°24'58.62"W	Grass Swale	Jayant and Indu Ramani		Jayant and Indu Ramani
Murry Ridge	PAR10-O-520	346 Brendalynn Drive	Mountville	PA	40° 2'59.54"N	76°24'57.84"W	Grass Swale	Fred R and Lori A Sites		Fred R and Lori A Sites
Murry Ridge	PAR10-O-520	344 Brendalynn Drive	Mountville	PA	40° 3'0.04"N	76°24'56.97"W	Grass Swale	Thomas E and Andrea E Rutledge		Thomas E and Andrea E Rutledge
Murry Ridge	PAR10-O-520	342 Brendalynn Drive	Mountville	PA	40° 3'0.49"N	76°24'56.11"W	Grass Swale	Joseph F and Elizabeth R Kury		Joseph F and Elizabeth R Kury
Murry Ridge	PAR10-O-520	340 Brendalynn Drive	Mountville	PA	40° 3'0.87"N	76°24'55.50"W	Grass Swale	Nathan R Oberholtzer		Nathan R Oberholtzer
Murry Ridge	PAR10-O-520	349 Brendalynn Drive	Mountville	PA	40° 2'56.49"N	76°24'55.73"W	Grass Swale	Ronald K and Gail K Beam		Ronald K and Gail K Beam
Murry Ridge	PAR10-O-520	347 Brendalynn Drive	Mountville	PA	40° 2'56.80"N	76°24'55.33"W	Grass Swale	Joel E and Amanda K Macvaugh		Joel E and Amanda K Macvaugh
Murry Ridge	PAR10-O-520	345 Brendalynn Drive	Mountville	PA	40° 2'57.39"N	76°24'54.96"W	Grass Swale	Eric M and Geraldine L Weaver		Eric M and Geraldine L Weaver

BMP Inventory

Murry Ridge	PAR10-O-520	343 Brendalynn Drive	Mountville	PA	40° 2'58.18"N	76°24'54.29"W	Grass Swale	Kenneth Whittington and Karen Youtz		Kenneth Whittington and Karen Youtz
Murry Ridge	PAR10-O-520	3305 Greenridge Drive,	Mountville	PA	40° 2'58.18"N	76°24'54.29"W	Grass Swale	Christopher C and Alicia A Mitchell		Christopher C and Alicia A Mitchell
Murry Ridge	PAR10-O-520	3307 Greenridge Drive,	Mountville	PA	40° 2'57.76"N	76°24'54.21"W	Grass Swale	Charles D and Lois G Rhoads		Charles D and Lois G Rhoads
Murry Ridge	PAR10-O-520	3309 Greenridge Drive,	Mountville	PA	40° 2'57.39"N	76°24'54.96"W	Grass Swale	Steven T and Tami L Harelson		Steven T and Tami L Harelson
Murry Ridge	PAR10-O-520	3311 Greenridge Drive,	Mountville	PA	40° 2'56.80"N	76°24'55.33"W	Grass Swale	Aaron K and Jessica L Zeamer		Aaron K and Jessica L Zeamer
Murry Ridge	PAR10-O-520	3317 Greenridge Drive,	Mountville	PA	40° 2'53.82"N	76°24'56.59"W	Grass Swale	Stephen B and Michelle A Zerbe		Stephen B and Michelle A Zerbe
Murry Ridge	PAR10-O-520	3319 Greenridge Drive,	Mountville	PA	40° 2'52.93"N	76°24'57.13"W	Grass Swale	Michael G Jr and Lindsay R Gemmill		Michael G Jr and Lindsay R Gemmill
Murry Ridge	PAR10-O-520	3321 Greenridge Drive,	Mountville	PA	40° 2'52.32"N	76°24'57.33"W	Grass Swale	Jeremy and Crystal L Jackson		Jeremy and Crystal L Jackson
Murry Ridge	PAR10-O-520	3323 Greenridge Drive,	Mountville	PA	40° 2'51.78"N	76°24'57.71"W	Grass Swale	John M and Kristen S Hollinger		John M and Kristen S Hollinger
Murry Ridge	PAR10-O-520	3325 Greenridge Drive,	Mountville	PA	40° 2'51.62"N	76°24'58.26"W	Grass Swale	Daniel L and Amy M Harbaugh		Daniel L and Amy M Harbaugh
Murry Ridge	PAR10-O-520	3329 Greenridge Drive	Mountville	PA	40° 2'51.78"N	76°24'57.71"W	Grass Swale	Anthony and Melissa B Depietro		Anthony and Melissa B Depietro
Murry Ridge	PAR10-O-520	Greenridge Drive	Mountville	PA	40° 2'53.82"N	76°24'56.59"W	Grass Swale	West Hempfield Township		West Hempfield Township
Murry Ridge	PAR10-O-520	3325 Greenridge Drive,	Mountville	PA	40° 2'51.40"N	76°24'58.59"W	Grass Swale	Daniel L and Amy M Harbaugh		Daniel L and Amy M Harbaugh
Murry Ridge	PAR10-O-520	3329 Greenridge Drive,	Mountville	PA	40° 2'51.40"N	76°24'58.59"W	Grass Swale	Anthony and Melissa B Depietro		Anthony and Melissa B Depietro
Murry Ridge	PAR10-O-520	3327 Greenridge Drive,	Mountville	PA	40° 2'51.22"N	76°24'59.15"W	Grass Swale	Jeffrey and Natalie Jeffrey		Jeffrey and Natalie Jeffrey
Murry Ridge	PAR10-O-520	3331 Greenridge Drive,	Mountville	PA	40° 2'51.15"N	76°25'0.32"W	Grass Swale	Jesse A and Abby L Myer		Jesse A and Abby L Myer
Murry Ridge	PAR10-O-520	3333 Greenridge Drive,	Mountville	PA	40° 2'51.15"N	76°25'0.32"W	Grass Swale	Steven C and Lindy L Cromer		Steven C and Lindy L Cromer

BMP Inventory

Murry Ridge	PAR10-O-520	3335 Greenridge Drive,	Mountville	PA	40° 2'51.05"N	76°25'1.55"W	Grass Swale	Jeffrey J and Sandra H Katelan		Jeffrey J and Sandra H Katelan
Murry Ridge	PAR10-O-520	3318 Greenridge Drive,	Mountville	PA	40° 2'53.95"N	76°24'53.64"W	Grass Swale	Linda M Kosich		Linda M Kosich
Murry Ridge	PAR10-O-520	3322 Greenridge Drive,	Mountville	PA	40° 2'52.12"N	76°24'53.73"W	Grass Swale	Ronald J and Deborah M Byczko		Ronald J and Deborah M Byczko
Murry Ridge	PAR10-O-520	3324 Greenridge Drive,	Mountville	PA	40° 2'51.25"N	76°24'53.97"W	Grass Swale	LNv Corp		LNv Corp
Murry Ridge	PAR10-O-520	3335 Greenridge Drive,	Mountville	PA	40° 2'50.37"N	76°24'54.60"W	Grass Swale	Raymond and Tracy L Tsui		Raymond and Tracy L Tsui
Murry Ridge	PAR10-O-520	Greenridge Drive	Mountville	PA	40° 2'51.25"N	76°24'53.97"W	Grass Swale	West Hempfield Township		West Hempfield Township
Adorers of the Blood of Christ, US Region	PAG02003611055	3954 Columbia Avenue	Columbia	PA	40° 2'5.21"N	76°27'5.12"W	Stormwater Basin	Adorers of the Blood of Christ Province of Columbia	2013	Adorers of the Blood of Christ Province of Columbia
Adorers of the Blood of Christ, US Region	PAG02003611055	3954 Columbia Avenue	Columbia	PA	40° 2'5.10"N	76°27'4.09"W	Grass Swale	Adorers of the Blood of Christ Province of Columbia	2013	Adorers of the Blood of Christ Province of Columbia
Adorers of the Blood of Christ, US Region	PAG02003611055	3954 Columbia Avenue	Columbia	PA	40° 2'6.34"N	76°27'5.55"W	Grass Swale	Adorers of the Blood of Christ Province of Columbia	2013	Adorers of the Blood of Christ Province of Columbia
Adorers of the Blood of Christ, US Region	PAG02003611055	3954 Columbia Avenue	Columbia	PA	40° 2'4.54"N	76°27'6.37"W	Grass Swale	Adorers of the Blood of Christ Province of Columbia	2013	Adorers of the Blood of Christ Province of Columbia
Adorers of the Blood of Christ, US Region	PAG02003611055	3954 Columbia Avenue	Columbia	PA	40° 2'6.48"N	76°27'6.02"W	Berm	Adorers of the Blood of Christ Province of Columbia	2013	Adorers of the Blood of Christ Province of Columbia
QVC Inc. - High Bay Expansion	PAG2003603074	1000 Stony Battery Road	Lancaster	PA	40° 4'4.94"N	76°25'27.93"W	Stormwater Basin	QVC, Inc	Start: 2003 / End: 2008	QVC, Inc
QVC Inc. - High Bay Expansion	PAG2003603074	1000 Stony Battery Road	Lancaster	PA	40° 3'58.21"N	76°25'18.95"W	Infiltration Facility	QVC, Inc	Start: 2003 / End: 2008	QVC, Inc
ABEL DRIVE MOTEL	PAG2003604116	3903 Abel Drive	Columbia	PA	40° 2'21.99"N	76°26'54.43"W	Stormwater Basin	MRS Developers LLC		MRS Developers LLC
ATLAS COLD STORAGE (TRAILER PARKING LOT)	PAG2003603073	3800 Hempland Road	Lancaster	PA	40° 2'34.51"N	76°25'1.78"W	Stormwater Basin	Martin F Poer & Co.		Martin F Poer & Co.
CADMUS PLANT EXPANSION	PAG2003606040	3575 Hempland Road	Lancaster	PA	40° 2'49.83"N	76°24'24.41"W	Stormwater Basin	Lancaster Press, Inc.	2007	Lancaster Press, Inc.
CREASY TRACT	PAG2003604118	410 Cassanna Dr	Columbia	PA			Infiltration Basin	Ojoma Edeh and Lyall Edeh Herr	2013	Ojoma Edeh and Lyall Edeh Herr

BMP Inventory

CREASY TRACT	PAG2003604118	410 Cassanna Dr	Columbia	PA			Infiltration Basin	Ojoma Edeh and Lyall Edeh Herr	2013	Ojoma Edeh and Lyall Edeh Herr
CREASY TRACT	PAG2003604118	405 Cassanna Dr	Columbia	PA			Water Quality Facility	Albert C and Rebecca E Storm	2013	Albert C and Rebecca E Storm
CREASY TRACT	PAG2003604118	2410 Ironville Pike	Columbia	PA			Water Quality Facility	Daniel and Awilda Rivera	2013	Daniel and Awilda Rivera
DDP ENTERPRISES - LOT 4	PAG2003604112	3995 Continental Drive	Columbia	PA	40° 2'25.41"N	76°26'57.08"W	Stormwater Basin	DH Funk Real Estate, LLC	pre 2004	DH Funk Real Estate, LLC
DDP ENTERPRISES - LOT 4	PAG2003604112	3995 Continental Drive	Columbia	PA	40° 2'27.91"N	76°27'0.87"W	Infiltration Facility	DH Funk Real Estate, LLC	2008	DH Funk Real Estate, LLC
DDP ENTERPRISES - LOT 4	PAG2003604112	3995 Continental Drive	Columbia	PA	40° 2'26.43"N	76°26'59.29"W	Infiltration Facility	DH Funk Real Estate, LLC	2008	DH Funk Real Estate, LLC
DDP ENTERPRISES - LOT 4	PAG2003604112	3995 Continental Drive	Columbia	PA	40° 2'27.82"N	76°26'55.11"W	Infiltration Facility	DH Funk Real Estate, LLC	2008	DH Funk Real Estate, LLC
DDP ENTERPRISES INC - STRUBE TRACT	PAG2003604080R	3995 Continental Drive	Columbia	PA	40° 2'55.32"N	76°30'6.05"W	Stormwater Basin	DDP Enterprises Inc		DDP Enterprises Inc
DDP ENTERPRISES INC - STRUBE TRACT	PAG2003604080R	3995 Continental Drive	Columbia	PA	40° 3'5.18"N	76°30'21.57"W	Stormwater Basin	DDP Enterprises Inc		DDP Enterprises Inc
DDP ENTERPRISES INC - STRUBE TRACT	PAG2003604080R	3995 Continental Drive	Columbia	PA	40° 3'2.61"N	76°30'2.64"W	Grass Swale	DDP Enterprises Inc		DDP Enterprises Inc
DDP ENTERPRISES INC - STRUBE TRACT	PAG2003604080R	3995 Continental Drive	Columbia	PA	40° 2'56.01"N	76°30'3.78"W	Buffer	DDP Enterprises Inc		DDP Enterprises Inc
LIFT INC	PAR100413-R	3745 Hempland Road	Mountville	PA	40° 2'40.10"N	76°25'3.73"W	Stormwater Basin			
MEADOW VIEW-K FARM	PAG02003611016	610 Eby Chioques Road	Mount Joy	PA	40° 5'50.66"N	76°27'0.40"W	Rain Garden	Barry K and Sharon R Kreider	2013	Barry K and Sharon R Kreider
MEADOW VIEW-K FARM	PAG02003611016	610 Eby Chioques Road	Mount Joy	PA			Grass Swale	Barry K and Sharon R Kreider	2013	Barry K and Sharon R Kreider
RUTTER'S FARM STORE #23	PAG02003612074	3849 Hempland Road	Mountville	PA	40° 2'36.92"N	76°25'15.81"W	Stormwater Basin	M&G Realty Inc.	2013	M&G Realty Inc.
RUTTER'S FARM STORE #23	PAG02003612074	3849 Hempland Road	Mountville	PA	40° 2'37.28"N	76°25'17.15"W	Stormwater Basin	M&G Realty Inc.	2013	M&G Realty Inc.
RUTTER'S FARM STORE #23	PAG02003612074	3849 Hempland Road	Mountville	PA	40° 2'38.35"N	76°25'18.14"W	Street Sweeping	M&G Realty Inc.	2013	M&G Realty Inc.
RUTTER'S FARM STORE #23	PAG02003612074	3849 Hempland Road	Mountville	PA	40° 2'38.36"N	76°25'16.03"W	Water Quality Facility	M&G Realty Inc.	2013	M&G Realty Inc.
RUTTER'S FARM STORE #23	PAG02003612074	3849 Hempland Road	Mountville	PA	40° 2'36.52"N	76°25'17.41"W	Water Quality Facility	M&G Realty Inc.	2013	M&G Realty Inc.
RUTTER'S FARM STORE #23	PAG02003612074	3849 Hempland Road	Mountville	PA	40° 2'37.84"N	76°25'20.91"W	Grass Swale	M&G Realty Inc.	2013	M&G Realty Inc.
RUTTER'S FARM STORE #23	PAG02003612074	3849 Hempland Road	Mountville	PA	40° 2'36.20"N	76°25'19.62"W	Grass Swale	M&G Realty Inc.	2013	M&G Realty Inc.
SHENBERGER TRACT	PAG2003603028	3975 Laurel Run	Columbia	PA	40° 1'57.19"N	76°27'53.08"W	Stormwater Basin	Michael Friedhofer and Rae Lyn Eby	2009	Michael Friedhofer and Rae Lyn Eby

BMP Inventory

SHENBERGER TRACT	PAG2003603028	3969 Laurel Run	Columbia	PA	40° 1'57.54"N	76°27'51.91"W	Stormwater Basin	Michael and Gayle Keithley	2009	Michael and Gayle Keithley
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	Indian Spring Drive	Lancaster	PA	40° 3'57.34"N	76°24'42.59"W	Grass Swale	SBCC Land Co LP		SBCC Land Co LP
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	1100 Corporate Blvd.	Lancaster	PA	40° 4'0.61"N	76°24'46.17"W	Grass Swale	Ensco LTD		Ensco LTD
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	Stoney Battery Road	Lancaster	PA	40° 4'5.00"N	76°24'52.39"W	Stormwater Basin	SBCC Land Co LP		SBCC Land Co LP
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	Corporate Blvd.	Lancaster	PA	40° 4'3.63"N	76°24'55.31"W	Stormwater Basin	SBCC Land Co LP		SBCC Land Co LP
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	Corporate Blvd.	Lancaster	PA	40° 3'54.22"N	76°25'17.24"W	Stormwater Basin	SBCC Land Co LP		SBCC Land Co LP
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	Corporate Blvd.	Lancaster	PA	40° 3'50.46"N	76°25'16.64"W	Grass Swale	SBCC Land Co LP		SBCC Land Co LP
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	1260 Corporate Blvd	Lancaster	PA	40° 3'42.74"N	76°25'18.62"W	Grass Swale	SBCC 1260 Co LP		
STONY BATTERY CORP CTR - PHASE 1	PAR100298-RR	Corporate Blvd	Lancaster	PA	40° 3'40.40"N	76°25'7.74"W	Grass Swale	SBCC Land Co LP		SBCC Land Co LP
CEDAR BLUFF	PAR10-O-474	Columbia Avenue	Columbia	PA	40° 1'53.54"N	76°27'46.96"W	Stormwater Basin			
CEDAR BLUFF	PAR10-O-474	Columbia Avenue	Columbia	PA			Stormwater Basin			
CEDAR BLUFF	PAR10-O-474	Columbia Avenue	Columbia	PA			Stormwater Basin			
CEDAR BLUFF	PAR10-O-474	Columbia Avenue	Columbia	PA			Grass Swale			
CLARK FILTER	PAG02003614026	3649 Hempland Road	Lancaster	PA	40° 2'35.85"N	76°24'34.88"W	Stormwater Basin	Clark Filter Inc.		Clark Filter Inc.
CLARK FILTER	PAG02003614026	3649 Hempland Road	Lancaster	PA	40° 2'36.65"N	76°24'33.32"W	Stormwater Basin	Clark Filter Inc.		Clark Filter Inc.
CLARK FILTER	PAG02003614026	3649 Hempland Road	Lancaster	PA	40° 2'37.73"N	76°24'31.69"W	Stormwater Basin	Clark Filter Inc.		Clark Filter Inc.
CLARK FILTER	PAG02003614026	3649 Hempland Road	Lancaster	PA	40° 2'41.77"N	76°24'37.35"W	Vegetated Filter	Clark Filter Inc.		Clark Filter Inc.
CLARK FILTER	PAG02003614026	3649 Hempland Road	Lancaster	PA	40° 2'40.07"N	76°24'36.26"W		Clark Filter Inc.		Clark Filter Inc.

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Hempfield Gardens

NPDES Permit #

Inspection Date
05/16/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Component 1

Recommendations

None

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID

NPDES Permit #

Inspection Date
05/16/18

Time
2:55PM

Investigator
James Burdick

Temperature
65 °F

24 Hr Rainfall

48 Hr Rainfall

Weather
Light Rain

Overall (Poor Condition)

No comments

Components

Vegetation (Poor)

Sedimentation and clogged pipes

Erosion

Basin Bottom (Poor)

Filled in

Bank Stability (Good)

Spillway (Fair)

Inlet and Outlet Conditions (Poor)

Inlet pipe clogged

Sediment and Debris Accumulation (Poor)

Invasive or Unwanted Growth? (Good)

Recommendations

None

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID

NPDES Permit #

Inspection Date
05/18/18

Time
4:20PM

Investigator
Dwayne Steager

Temperature
64 °F

24 Hr Rainfall

48 Hr Rainfall

Weather
Mostly Cloudy

Overall (Fair Condition)

No comments

Components

Component 1 (Poor)

sedimentation in bottom, erosion in bottom

Recommendations

1. Clean, regrade and reestablish bottom and clean around structures

Prepared By  **CS Datum**

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID

Adores of the Blood of Christ, US Region

NPDES Permit #

PAG02003611055

Inspection Date

05/21/18

Time

12:00AM

Investigator

James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall (Excellent Condition)

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)

No erosion found.

Flow Channelization (Excellent)

Bank Stability (Excellent)

Inlet and Outlet Conditions (Excellent)

Both in great condition. There was know debree's or silt found.

Sediment and Debris Accumulation (Excellent)

none

Invasive or Unwanted Growth? (Good)

none

Recommendations

1. none

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Able Drive Motel

NPDES Permit #
PAG2003604116

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall (Excellent Condition)

No comments

Components

Vegetation (Good)
Tall unmowed Grass

Erosion (Excellent)
none

Flow Channelization (Excellent)

Bank Stability (Excellent)

Inlet and Outlet Conditions (Excellent)
Sump Pump draining Spring water into the Outlet

Sediment and Debris Accumulation (Excellent)
none

Invasive or Unwanted Growth? (Good)

Recommendations

None

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Sylvan View - Phase 1

NPDES Permit #
PAG02003612058

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall (Good Condition)

No comments

Components

Vegetation (Good)

Erosion (Excellent)
none

Basin Bottom (Fair)

Bank Stability (Excellent)

Spillway (Excellent)
Clean know debrees

Inlet and Outlet Conditions (Excellent)

Sediment and Debris Accumulation (Good)

Invasive or Unwanted Growth? (Excellent)
None

Recommendations

None

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Sylvan View - Phase 1

NPDES Permit #
PAG02003612058

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall (Excellent Condition)

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)
none

Flow Channelization (Excellent)

Bank Stability (Excellent)
stone in great condition

Inlet and Outlet Conditions (Excellent)

Sediment and Debris Accumulation (Excellent)

Invasive or Unwanted Growth? (Excellent)

Recommendations

None

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Atlas Cold Storage (Trailer Parking Lot)

NPDES Permit #
PAG2003603073

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Vegetation (Excellent)
Good Vegetation

Erosion (Good)
There is some minor erosion

Basin Bottom (Good)

Bank Stability (Excellent)

Spillway (Good)
Some sediment and debree other wise in good condition

Inlet and Outlet Conditions (Fair)
Some sediment and trash Should be cleaned out

Sediment and Debris Accumulation (Fair)
Found both

Invasive or Unwanted Growth? (Excellent)
none

Recommendations

1. Clean sediment and debrees from basin also some minor restoration of erosion

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Rutter's Farm Store #23

NPDES Permit #
PAG02003612074

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)
none

Basin Bottom (Fair)

Bank Stability (Excellent)

Spillway (Fair)
Some clogging

Inlet and Outlet Conditions (Fair)
Sediment And Trash in The areas of the Inlets and the outlet

Sediment and Debris Accumulation (Fair)
Found

Invasive or Unwanted Growth? (Good)

Recommendations

1. Clean sediment, debrees and trash from Basin

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Rutter's Farm Store #23

NPDES Permit #
PAG02003612074

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)

Basin Bottom (Excellent)

Bank Stability (Excellent)

Spillway (Excellent)

Inlet and Outlet Conditions (Good)

Sediment and Debris Accumulation (Good)
Some trash at the outlet

Invasive or Unwanted Growth? (Excellent)

Recommendations

None

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Cadmus Plant Expansion

NPDES Permit #
PAG2003606040

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)

Basin Bottom (Excellent)

Bank Stability (Excellent)

Spillway (Excellent)

Inlet and Outlet Conditions (Excellent)

Sediment and Debris Accumulation (Excellent)

Invasive or Unwanted Growth? (Excellent)

Recommendations

1. Well Maintained

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Creasy Tract

NPDES Permit #
PAG2003604118

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall (Good Condition)

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)

Flow Channelization (Excellent)

Bank Stability (Excellent)

Inlet and Outlet Conditions (Fair)
Some sediment and debrees

Sediment and Debris Accumulation (Fair)
Found

Invasive or Unwanted Growth? (Good)

Recommendations

1. Clean Sediment and Debrees

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Creasey Tract

NPDES Permit #
PAG2003604118

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)

Flow Channelization (Excellent)

Bank Stability (Excellent)

Inlet and Outlet Conditions (Fair)

Sediment and debrees (Trash)

Sediment and Debris Accumulation (Fair)

Found with Trash

Invasive or Unwanted Growth? (Good)

Some

Recommendations

1. sediment and trash should be cleaned tree should be removed from front of pipe.

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Creasey Tract

NPDES Permit #
PAG2003604118

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)

Flow Channelization (Excellent)

Bank Stability (Excellent)

Inlet and Outlet Conditions (Fair)

Silt and debris (trash)

Sediment and Debris Accumulation (Fair)

found

Invasive or Unwanted Growth? (Good)

Recommendations

1. Silt and trash should be removed

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Creasey Tract

NPDES Permit #
PAG2003604118

Inspection Date
05/21/18

Time
12:00AM

Investigator
James Burdick

Temperature

24 Hr Rainfall

48 Hr Rainfall

Weather

Overall

No comments

Components

Vegetation (Excellent)

Erosion (Excellent)

Flow Channelization (Excellent)

Bank Stability (Excellent)

Inlet and Outlet Conditions (Good)

Sediment and Debris Accumulation (Good)
some sediment and trash found

Invasive or Unwanted Growth? (Good)

Recommendations

None

BMP Inspection
WEST HEMPFIELD TOWNSHIP

BMP Name/ID
Falcon Ridge South

NPDES Permit #

Inspection Date
05/25/18

Time
2:55PM

Investigator
Dwayne Steager

Temperature
86 °F

24 Hr Rainfall

48 Hr Rainfall

Weather
Clear

Overall

No comments

Components

Vegetation

Erosion

Basin Bottom

Bank Stability

Spillway

Inlet and Outlet Conditions

Sediment and Debris Accumulation

Invasive or Unwanted Growth?

Recommendations

None

Photo Log

Photo No. 1: Vegetation

