

MS4 Information	
Jurisdiction	Carroll County Government
Contact Name	Tom Devilbiss
Phone	410-386-2639
Address	225 N Center Street
City	Westminster
State	Maryland
Zip	21157
Email	tdevilbiss@carrollcountymd.gov
Baseline Treatment Requirement (Acres)	1614.00
Permit Num	11-DP-3319
Reporting Year	2018

Check with MDE Geodatabase:

Should match Permit info table of Geodatabase, except for Impervious Acre Baseline-- that should match Impervious Surface Table.

Background

The 2015 Maryland General Assembly passed Senate Bill 863 – Watershed Protection and Restoration Programs – Revisions. While SB 863 repealed the mandate for Phase I MS4 permittees to implement a stormwater remediation fee to fund stormwater projects, in its place, the bill requires annual reporting to Maryland Department of the Environment (MDE) for certain information related to the Watershed Protection and Restoration Fund and stormwater projects implemented during the previous year. SB 863 also requires a jurisdiction to file a financial assurance plan (FAP) with MDE every two years. The first report was filed by July 1, 2016, and then every two years thereafter on the anniversary date of the issuance of the NPDES Phase 1 MS4 permit.

The FAP must demonstrate that the jurisdiction has sufficient funding in the current fiscal year and subsequent budgets to meet its anticipated costs for the 2-year period immediately following the filing date of the plan. The local governing body must hold a public hearing and approve an FAP before it can be submitted to MDE. MDE will make the plan publically available on its website within 14 days after the plan is submitted.

MDE has 90 days from receipt of the FAP to determine if a jurisdiction’s FAP demonstrates sufficient funding. Starting September 1, 2016, and every year thereafter, MDE must submit an annual report to the Governor and environmental committees of the Maryland General Assembly evaluating the compliance of Phase I jurisdictions with the requirements of the stormwater fee law.

Summary of Carroll County FAP

Carroll County’s third generation permit, which expired in 2009, required restoration of 10 percent of untreated impervious surface. The initial 10 percent restoration requirement was achieved in 2009. The County continued to work toward the next 10 percent, as required by the permit, while awaiting issuance of the fourth generation permit. By the issuance of the fourth generation permit in December 2014,

restoration of 23 percent of the untreated impervious surface had been achieved. Because the original 10 percent was complete, and work on the next 20 percent began in 2009, all projects completed that contribute toward the current 20 percent requirement have been included in the current submittal to ensure proper credit is given. Total operating and capital costs of \$34,331,808 have been expended thus far through FY 2018 to comply with the 20 percent restoration requirement of the current permit.

With the fourth generation permit, which was issued December 29, 2014, Carroll County and its eight municipalities became co-permittees. The permit requires restoration of 20 percent of untreated impervious surface in the unincorporated areas of the county, as well as restoration of 20 percent of untreated impervious surface in the municipalities. With the addition of the municipalities to the permit, the impervious surface was reassessed, and 1614 acres used for this FAP.

The County projects spending a total of \$40,738,651 (Sheet 1 Total Permit Term) over the permit term for completed and planned projects (Sheet 1 Total Next Two Years of \$19,565,000 plus Sheet 5 Total Complete to Date of \$21,173,651). Impervious area restored is projected to be greater than 20 percent through the end of this permit term in anticipation of additional restoration requirements that will be included in the fifth generation permit, the amount of which as yet has not been determined by MDE. In addition, the FAP demonstrates that revenues are projected to meet estimated Impervious Surface Restoration Plan (ISRP) costs for the two-year period following the filing date, as shown on Sheet 3. This two year estimate is provided without a commitment as no draft permit or impervious restoration requirement has been provided by MDE>

Additional items that should be noted are as follows:

- “All Actions” and “Spec Actions” Worksheets – Projects completed prior to 2009 but counting toward the current permit’s 20 percent restoration requirement are included in these worksheets to ensure proper credit toward the current permit’s ISRP.
- “All Actions” Worksheet – Costs under “Other” were not funded by County revenues. Therefore, no cost is reported. These BMPs were acquired through the development process, as a result of County policies and requirements, and contribute toward the County’s impervious surface restoration requirement.
- “Spec Actions” Worksheet – Septic pumping does not appear under operating costs, as it is not a cost incurred by the County. These costs are paid by the individual property owners.

The specifics and details related to restoration projects and program implementation can be found in the County’s annual NPDES reports. Funding and efforts related to NPDES permit compliance have historically been, and continue to be, a high priority for Carroll County and its municipal co-permittees. This FAP provides confirmation related to that commitment, and, therefore, this submittal represents a level of effort which meets the spirit and intent of SB 863.

Article 4-202.1(j)(1)(i): Actions that will be required of the county or municipality to meet the requirements of its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.

Note: To identify all "actions" required under the MS4 permit, provide an executive summary of the jurisdiction's MS4 programs. See MDE's FAP Guidance. For proposed actions to meet the impervious surface restoration plan, fill in the table below.

Baseline: 1,614 Requirement: 20%

REST BMP TYPE*	BMP CLASS	IMP ACRES	IMPL COST	% ISRP COMPLETE	IMPL STATUS**	PROJECTED IMPL YR
Operational Programs						
				0.0%		
				0.0%		
				0.0%		
				0.0%		
				0.0%		
				0.0%		
				0.0%		
				0.0%		
				0.0%		
				0.0%		
Average Operations Next Two Years (FY2019-FY2020)***		#DIV/0!	\$0	0.0%		
Average Operations Permit Term (FY2015-FY2020)***		#DIV/0!	\$0	0.0%		
Average Operations Permit Term and Projected Years (FY2015-FY2022)***		#DIV/0!	\$0	0.0%		
Capital Projects						
FSND	S	90.5	\$2,600,000	5.6%	Under Construction	2019
PWED	S	225.99	\$6,000,000	14.0%	Proposed	2019
WPKT	S	11	\$200,000	0.7%	Proposed	2019
FSND	S	73.68	\$4,325,000	4.6%	Proposed	2019
FPU	A	5.3	\$62,000	0.3%	Planning	2019
FSND	S	83.33	\$800,000	5.2%	Proposed	2020
PWED	S	216.88	\$3,990,000	13.4%	Proposed	2020
WPKT	A	85	\$1,500,000	5.3%	Proposed	2020
FPU	A	6.7	\$88,000	0.4%	Proposed	2020
FSND	S	79.57	\$3,005,000	4.9%	Proposed	2021
WEDW	S	22.5	\$550,000	1.4%	Proposed	2021
FSND	S	25.44	\$860,000	1.6%	Proposed	2022
PWED	S	49.76	\$1,175,000	3.1%	Proposed	2022
XDPD	S	52	\$620,000	3.2%	Proposed	2022
WPKT	S	15.34	\$500,000	1.0%	Proposed	2023
PWED	S	60.7	\$1,750,000	3.8%	Proposed	2023
FSND	S	6.72	\$500,000	0.4%	Proposed	2023
				0.0%		
				0.0%		
				0.0%		
Subtotal Capital Next Two Years (FY2019-FY2020)		798.38	\$19,565,000	49%		
Subtotal Capital Permit Term (FY2015-FY2020)		1685.67	\$40,686,142	104.4%		
Subtotal Capital Permit Term and Projected Years (FY2015-FY2023)		1997.7	\$49,646,142	123.8%		
Other						
GWB	E	13.5		0.8%		2019
FB	E	3.24		0.2%		2019
GWB	E	13.5		0.8%		2020
FB	E	3.24		0.2%		2020
GWB	E	13.5		0.8%		2021
FB	E	3.24		0.2%		2021
GWB	E	27		1.7%		2022-2023
FB	E	6.48		0.4%		2022-2023
Subtotal Other Next Two Years (FY2019-FY2020)		33	\$0	2.07%		
Subtotal Other Permit Term (FY2015-FY2020)		781	\$52,509	48.4%		
Subtotal Other Permit Term and Projected Years (FY2015-FY2023)		831	\$52,509	51.5%		
Total Next Two Years (FY2019-FY2020)		831.9	\$19,565,000	51.5%		
Total Permit Term (FY2015-FY2020)		2466.7	\$40,738,651	152.8%		
Total Permit Term and Projected Years (FY2015-FY2023)		2828.9	\$49,698,651	175.3%		

Elderwood Village
Langdon, Roberts, Shannon
Locust
Merridale, Shiloh, Whisper
Treeplanting
Central Dry, Greens 2 #6
Hampstead Reg., Willow
Cascade Lake
Treeplanting
Byrn., Candice, Elmer, Manch. Ele., Val Vista, Woods (2)
Melstone
IDA, Piney AB 57
Squires, Winters
Trevanion Terrace
New Windsor Rail
Wind S., Man East, Meadowbrook
C. C. Health

No Cost to County Acquires thru Development
No Cost to County Acquires thru Development
No Cost to County Acquires thru Development
No Cost to County Acquires thru Development
No Cost to County Acquires thru Development
No Cost to County Acquires thru Development
No Cost to County Acquires thru Development
No Cost to County Acquires thru Development

Check with MDE Geodatabase:
Type, class, impervious acres, implementation cost and implementation status should match the various geodatabase tables for BMPs (AltBMPLine, AltBMPPoint, AltBMPPoly, and RestBMP)-- aggregated by type and status.
*Use BMP domains from MDE Geodatabase.
**Complete, Under Construction, Planning, or Proposed
***IMPL COST is a summation and not an average.

The Capital Expenditures beyond 2020 are projected; not committed since the next generation permit will not be issued until FY 2021.

Article 4-202.1(j)(1)(i)2: Projected annual and 5-year costs for the county or municipality to meet the impervious surface restoration plan requirements of its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.

DESCRIPTION	PAST UP THRU FY 2017	CURRENT YEAR FY 2018	PROJECTED YEAR 1 FY 2019	PROJECTED YEAR 2 FY 2020	PROJECTED YEAR 3 FY 2021	PROJECTED YEAR 4 FY 2022	PROJECTED YEAR 5 FY 2023	TOTAL COSTS
Operating Expenditures (costs)								
Street Sweeping Program								\$0
Inlet Cleaning								\$0
Support of Capital Projects	\$5,020,051	\$1,096,425	\$1,158,150	\$1,194,328	\$1,241,897	\$1,291,832	\$1,344,278	\$12,346,961
Debt Service Payment	\$2,327,314	\$1,003,963	\$1,060,000	\$1,393,691	\$1,747,317	\$2,100,312	\$2,444,301	\$12,076,898
Other (please stipulate program expenditure)*	-	-	-	-	-	-	-	\$0
Capital Expenditures (costs)								
General Fund (Paygo)								\$0
WPR Fund (Paygo)								\$0
Municipalities	\$1,314,321	\$595,524	\$562,230	\$330,957	\$681,570	\$713,895	\$747,312	\$4,945,809
Debt Service	\$10,206,289	\$0	\$2,692,000	\$3,026,900	\$2,774,000	\$2,850,000	\$2,920,000	\$24,469,189
Grants & Partnerships	\$11,930,358	\$837,563						\$12,767,921
Other (please stipulate capital expenditure)*	-	-	-	-	-	-	-	\$0
Subtotal operation and paygo:	\$7,347,365	\$2,100,388	\$2,218,150	\$2,588,019	\$2,989,214	\$3,392,144	\$3,788,579	\$24,423,859
Total expenditures:	\$30,798,333	\$3,533,475	\$5,472,380	\$5,945,876	\$6,444,784	\$6,956,039	\$7,455,891	\$66,606,778

The Expenditures beyond 2020 are projected; not committed since the next generation permit will not be issued until FY 2021.

Total ISRP costs except debt service: **\$54,529,880**
 Compare ISRP costs (except debt service) / total ISRP proposed actions: **110%**

Check with MDE Geodatabase:

The total current FY 2018 expenditure should be less than the combined total of the "OP_cost" and "CAP_Cost" fields in the fiscal analyses table of the geodatabase.

The total projected FY 2019 expenditure should be less than the combined total of the "OP_budget" and "CAP_budget" fields in the fiscal analyses table of the geodatabase.

*Insert additional rows as necessary.

Article 4-202.1(j)(1)(i)3: Projected annual and 5-year revenues or other funds that will be used to meet the cost for the county or municipality to meet the impervious surface restoration plan requirements under the National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.

DESCRIPTION	PAST UP THRU FY 2017	CURRENT YEAR FY 2018	PROJECTED YEAR 1 FY 2019	PROJECTED YEAR 2 FY 2020	PROJECTED YEAR 3 FY 2021	PROJECTED YEAR 4 FY 2022	PROJECTED YEAR 5 FY 2023	TOTAL NEXT 2-YEARS FY 19-20*	TOTAL
Annual Revenue** Appropriated for ISRP	\$36,766,403	\$7,994,333	\$5,407,270	\$5,990,984	\$6,496,760	\$7,004,425	\$7,505,729	\$11,398,254	\$77,165,904
Annual Costs towards ISRP***	\$30,798,333	\$3,533,475	\$5,472,380	\$5,945,876	\$6,444,784	\$6,956,039	\$7,455,891	\$11,418,256	\$66,606,778

Compare revenue appropriated / annual costs: **116%**
WPRP 2018 Reporting Criteria **100%**

ISRP = Impervious Surface Restoration Program, or 20% Restoration Requirement

* Article 4-202.1(j)(2): Demonstration that county or municipality has sufficient funding in the current fiscal year and subsequent fiscal year budgets to meet its estimated cost for the 2-year period immediately following the filing date of the FAP. Note that the appropriations and expenditures include time period up to FY 2020.

** Revenue means "dedicated revenues, funds, or sources of funds (per Article 4-202.1(j)(4)(ii)). Note that budget appropriations have only been approved by governing bodies through FY 2018 at the time of FAP reporting.

*** See table of ISRP Cost.

The Capital Revenues and Other Funds beyond 2020 are projected; not committed since the next generation permit will not be issued until FY 2021.

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Article 4-202.1(j)(1)(i)4: Any sources of funds that will be utilized by the county or municipality to meet the requirements of its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.

SOURCE	PAST UP THRU FY 2017	CURRENT YEAR FY 2018	PROJECTED YEAR 1 FY 2019	PROJECTED YEAR 2 FY 2020	PROJECTED YEAR 3 FY 2021	PROJECTED YEAR 4 FY 2022	PROJECTED YEAR 5 FY 2023	TOTAL PERMIT CYCLE
Paygo Sources								
Stormwater Remediation Fees (WPR Fund)								\$ -
Miscellaneous Fees (WPR Fund)								\$ -
General Fund	\$ 5,673,847							\$ 5,673,847
Property Tax	\$ 4,110,973	\$ 2,218,160	\$ 2,143,040	\$ 2,623,627	\$ 3,026,190	\$ 3,430,530	\$ 3,828,417	\$ 21,380,937
Municipalities	\$ 1,314,321	\$ 595,524	\$ 562,230	\$ 330,957	\$ 681,570	\$ 713,895	\$ 747,312	\$ 4,945,809
Development Contributions	\$ 527,897							\$ 527,897
Interest	\$ 6,272	\$ 9,132	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 65,404
Subtotal Paygo Sources	\$ 11,633,310	\$ 2,822,816	\$ 2,715,270	\$ 2,964,584	\$ 3,717,760	\$ 4,154,425	\$ 4,585,729	\$ 32,593,894
Debt Service (paygo sources will be used to pay off debt service. Note that previous appropriations for debt service used for ISRP is listed in FY 2017).								
County Transportation Bonds								\$ -
General Obligation Bonds	\$ 15,271,033	\$ 2,894,600	\$ 2,692,000	\$ 3,026,400	\$ 2,779,000	\$ 2,850,000	\$ 2,920,000	\$ 32,433,033
Revenue (Utility) Bonds								\$ -
State Revolving Loan Fund								\$ -
Public-private partnership (debt service)								\$ -
Subtotal Debt Service	\$ 15,271,033	\$ 2,894,600	\$ 2,692,000	\$ 3,026,400	\$ 2,779,000	\$ 2,850,000	\$ 2,920,000	\$ 32,433,033
Grants and Partnerships (no payment is expected)								
State funded grants								\$ -
Federal funded grants	\$ 8,599,485	\$ 174,510						\$ 8,773,995
Public-private partnership (matched grant)	\$ 1,262,575	\$ 2,102,407						\$ 3,364,982
Subtotal Grants and Partnerships	\$ 9,862,060	\$ 2,276,917	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,138,977
Total Annual Sources of Funds	\$ 36,766,403	\$ 7,994,333	\$ 5,407,270	\$ 5,990,984	\$ 6,496,760	\$ 7,004,425	\$ 7,505,729	\$ 56,158,990
Percent of Funds Directed Toward ISRP	83.77%	44.20%	101.20%	99.25%	99.20%	99.31%	99.34%	

Compare total permit term paygo ISRP costs / subtotal permit term paygo sources: **71%**
 Compare total permit term ISRP costs / total permit term annual sources of funds: **81%**

* WPR Fund: Watershed Protection and Restoration Fund.

Check with MDE Geodatabase:

The total sources related to WPR Funds in Current FY 2018 should march the "WPR_Fund" field of the geodatabase.

The Sources of Funds beyond 2020 are projected; not committed since the next generation permit will not be issued until FY 2021

VERSION 2-28-18

Changed formula to reflect current permit term amounts/consistent with total permit term paygo ISRP costs.

Article 4-202.1(j)(1)(i)5: Specific actions and expenditures that the county or municipality implemented in the previous fiscal years to meet its impervious surface restoration plan requirements under its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.

Baseline: 1,614 Requirement: 20%

REST BMP ID	REST BMP TYPE	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	% ISRP Complete	IMPL STATUS	GEN COMMENTS
Operational Programs									
							0.0%		
							0.0%		
							0.0%		
							0.0%		
Complete To Date*			#DIV/0!	#DIV/0!		\$0	0.0%		
Capital Projects									
CR05RST000001	FSND	S	1	1.4	1/1/9999	\$8,000	0.1%	Complete	Eldersburg Elementary Sc*
CR07RST000001	ITRN	S	1	0.6	9/25/2008	\$154,427	0.0%	Complete	Marriott Wood I Facility*
CR07RST000002	ITRN	S	1	0.2	2/22/2007	\$16,000	0.0%	Complete	Winfield Fire Department*
CR09RST000001	IBAS	S	1	6.6	9/16/2008	\$105,138	0.4%	Complete	Hickory Ridge
CR09RST000002	FSND	S	1	2.8	12/3/2008	\$154,067	0.2%	Complete	Marriott Wood I Facility*
CR09RST000003	FSND	S	1	1.9	9/17/2008	\$69,468	0.1%	Complete	Marriott Wood II
CR09RST000005	FSND	S	1	3.9	5/12/2009	\$172,208	0.2%	Complete	Collins Estate
CR09RST000006	IBAS	S	1	6.2	1/5/2009	\$125,669	0.4%	Complete	Bateman SWM Pond
CR10RST000001	FSND	S	1	3.4	9/25/2009	\$96,312	0.2%	Complete	Elderwood Village
CR10RST000002	FSND	S	1	8.1	6/15/2010	\$198,775	0.5%	Complete	Oklahoma II Foothills
CR10RST000003	FSND	S	1	0.9	12/30/2009	\$217,972	0.1%	Complete	High Point
CR09RST000004	PWED	S	1	93.5	10/31/2008	\$917,588	5.8%	Complete	Airport
CR11RST000001	PWED	S	1	6.6	9/16/2010	\$177,964	0.4%	Complete	Arthur Ridge
CR12RST000002	PWED	S	1	23.25	3/23/2012	\$318,122	1.4%	Complete	Quail
CR12RST000004	PWED	S	1	11.25	6/13/2012	\$345,448	0.7%	Complete	Harvest
CR14RST000003	PWED	S	1	18.58	8/28/2014	\$506,460	1.2%	Complete	Friendship
CR13RST000007	PWED	S	1	14.27	12/13/2013	\$398,207	0.9%	Complete	Carrolltown 2B
CR15RST000003	PWED	S	1	87.85	12/8/2015	\$2,311,479	5.4%	Complete	West. Comm.
CR10RST000001	FSND	S	1	10	9/28/2010	\$187,873	0.6%	Complete	Oklahoma I
CR09RST000002	FSND	S	1	16.7	11/3/2010	\$279,590	1.0%	Complete	Edgewood
CR09RST000003	FSND	S	1	13.9	4/7/2010	\$275,799	0.9%	Complete	Naganna
CR11RST000002	FSND	S	1	12.6	10/29/2010	\$236,321	0.8%	Complete	Brimfield
CR11RST000001	FSND	S	1	4.1	12/15/2010	\$344,723	0.3%	Complete	Hoff
CR11RST000004	FSND	S	1	4.1	12/7/2011	\$98,348	0.3%	Complete	Heritage Heights
CR12RST000003	FSND	S	1	18.2	8/3/2012	\$527,368	1.1%	Complete	Parrish
CR12RST000001	FSND	S	1	15.24	8/30/2012	\$298,094	0.9%	Complete	Clipper/Gardenia
CR13RST000005	FSND	S	1	25.49	2/14/2013	\$751,630	1.6%	Complete	Clipper/Hilltop
CR12RST000005	FSND	S	1	1.63	12/10/2012	\$23,388	0.1%	Complete	Wilda Drive
CR13RST000004	FSND	S	1	44.81	9/25/2013	\$1,093,671	2.8%	Complete	WHS
CR13RST000003	FSND	S	1	20.55	6/24/2013	\$247,708	1.3%	Complete	Benjamins Claim
CR14RST000002	FSND	S	1	16.27	6/27/2014	\$297,683	1.0%	Complete	Diamond 5
CR14RST000004	FSND	S	1	47.26	11/25/2014	\$959,525	2.9%	Complete	Carroll/Gemini
CR15RST000004	FSND	S	1	11.22	11/17/2015	\$523,930	0.7%	Complete	Eldersburg 3-5
CR15RST000009	FSND	S	1	10.52	12/23/2015	\$491,632	0.7%	Complete	Braddock Manor
Multiple Numbers	FPU	A	34	7.13	2013	\$55,642	0.4%	Complete	Tree Plantings 2013

Multiple Numbers	FPU	A	29	9.64	2014	\$214,587	0.6%	Complete	Tree Plantings 2014	
Multiple Numbers	FPU	A	35	20.25	2015	\$284,363	1.3%	Complete	Tree Plantings 2015	
Multiple Numbers	FPU	A	32	11.97	2016	\$136,798	0.7%	Complete	Tree Plantings 2016	
CR16RST000003	FSND	S	1	34.44	12/9/2016	\$876,727	2.1%	Complete	CC Maintenance Center	
CR16RST000007	FBI0	S	1	0.5	6/21/2016	\$78,471	0.0%	Complete	Farm Museum Bio A	
CR17RST000001	FBI0	S	1	2.55	6/2/2017	\$174,000	0.2%	Complete	Farm Museum Bio B	
CR17RST000002	MRNG	S	1	0.05	6/2/2017	\$8,000	0.0%	Complete	Farm Museum Rain Garden	
CR17RST000003	MILS	S	1	0.06	6/2/2017	\$25,000	0.0%	Complete	Farm Museum Land Infil	
CR17RST000004	MIDW	A	1	0.03	6/2/2017	\$6,000	0.0%	Complete	Farm Museum Drywell	
CR17RST000005	MRWH	A	1	0.01	6/2/2017	\$1,250	0.0%	Complete	Farm Museum Rain Barrel	
CR18RST000004	FSND	S	1	1.72	12/31/2017	\$37,466	0.1%	Complete	Feeser	
CR16RST000001	PWED	S	1	22.34	7/10/2017	\$2,470,982	1.4%	Complete	Finksburg Industrial Park	
CR16RST000002	PWED	S	1	35.24	11/22/2016	\$1,253,668	2.2%	Complete	Miller/Watts	
CR18RST000001	PWED	S	1	70.36	12/31/2018	\$316,000	4.4%	Complete	Eldersburg Business Center	
CR16RST000004	FSND	S	1	11.02	1/8/2018	\$431,520	0.7%	Complete	Small Crossing Sand Filter	
CR16RST000005	FBI0	S	1	0.53	1/8/2018	\$75,000	0.0%	Complete	Small Crossing Bio Ret	
CR16RST000014	FSND	S	1	11.25	7/24/2018	\$531,558	0.7%	Complete	Blue Ridge Manor	
CR16RST000012	PWED	S	1	35.51	12/31/2018	\$800,000	2.2%	Complete	Central MD (wet)	
CR16RST000018	WPKT	S	1	25.1	12/31/2018	\$200,000	1.6%	Complete	Hawk Ridge	
CR18RST000003	PWED	S	1	16.57	8/27/2018	\$78,700	1.0%	Complete	Exceptional Center	
Multiple Numbers	FPU	A	23	7.13	6/1/2018	\$134,823	0.4%	Complete	Tree Plantings Fall 2017	
Subtotal Capital Complete To Date			204	887.29		\$21,121,142	54.97%			
Other										
CR09RST000005	FUND	S	1	12.89	2009	\$0.00	0.8%	Complete	So. Carroll High School	Redevelopment
CR18RST000009	FSND	S	1	22.52	2018	\$0.00	1.4%	Random House	Random House	Redevelopment
TBD	SEPP	A	1	260.13	2018	\$0.00	16.1%	Annual	Septic Pumping	West WWTP (Annual)
TBD	GWB	E	266	165.34	2018	\$0.00	10.2%	Complete	Grass Buffer- Easements	Need # of properties
TBD	FB	E	112	203.96	2018	\$0.00	12.6%	Complete	Forest Buffer	Need # of properties
CR15RST000010	FSND	S	1	0.56	2015	\$0.00	0.0%	Complete	Benjamin's Claim B	Public Works Project
TBD	FSND	S	1	3.3	2013	\$0.00	0.2%	Complete	Sunnyside (Lippy)	Private Property
TBD	CBC	A	851	13.56	2018	\$0.00	0.8%	Complete	Inlet Cleaning	
TBD	SEPP	A	1	48.62	2018	\$0.00	3.0%	Complete	Septic Upgrades (to date)	
TBD	MSS	A	24	5.99	2018	\$0.00	0.4%	Complete	Street Sweeping	
CR17ALN000001	OUT	A	1	0.5	2016	\$52,509	0.0%	Complete	Jenna Estates Outfall	
CR06ALN000001	OUT	A	1	10	2006	\$0.00	0.6%	Complete	Chung Outfall Restoration	
TBD	IMPP	A	1	0.13	2012	\$0.00	0.0%	Complete	Hampstead Imp. Removal	
Subtotal Other Complete To Date			1262	748		\$52,509	46.3%			
Total Complete to Date			1,466	1,634.8		\$21,173,651	101.3%			

Check with MDE Geodatabase:

Rest BMP ID, type, class, number of BMPs, impervious acres, built date, implementation cost and implementation status should match the various geodatabase tables for BMPs (AltBMPLine, AltBMPPoint,

Notes:

For street sweeping indicate the annual frequency that the streets are swept and for inlet cleaning indicate the number of inlets cleaned-out.

*IMPL COST is a summation and not an average.