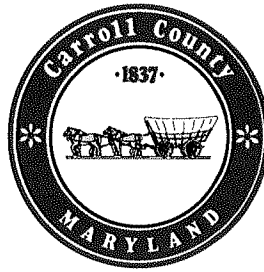


**Thomas S. Devilbiss, Director**  
410-386-2949, fax 410-386-2924  
Toll-free 1-888-302-8978  
MD Relay service 7-1-1/1-800-735-2258  
LRM@carrollcountymd.gov



**Department of  
Land and Resource Management**  
Carroll County Government  
225 North Center Street  
Westminster, Maryland 21157

December 22, 2020

Raymond P. Bahr  
Deputy Program Manager  
Sediment, Stormwater and Dam Safety Program  
Maryland Department of the Environment  
1800 Washington Boulevard  
Baltimore, Maryland 21230

Re: 2020 Carroll County Financial Assurance Plan  
Watershed Protection and Restoration Program

*Ray*  
Dear Mr. Bahr:

The attached Carroll County 2020 Financial Assurance Plan (FAP) is being submitted per requirements of the Code of Maryland Regulations (COMAR) subsection 4-202-1. The FAP has been prepared per the Maryland Department of the Environment developed spreadsheets and approved per the requirements of subsection 4-201.1(J)(3). The Board of County Commissioners of Carroll County held three public venues regarding the FAP:

1. A November 19, 2020 briefing by staff to the Board regarding the FAP, which included Board approval to move forward to a public hearing.
2. A December 3, 2020 public hearing by the Board regarding the FAP.
3. A December 10, 2020 Board Session in which the FAP was approved.

The Carroll County 2020 FAP demonstrates sufficient funding in the current fiscal year and subsequent budgets to meet its anticipated costs per requirements in COMAR 4-202.1. Therefore, Carroll County feels it has met its statutory requirements with this 2020 submittal. Also included in this submittal is the Watershed Protection and Restoration Program Annual Report Table.

While the FAP reflects current conditions related to impervious surface assessment and stormwater wasteload allocations, the County expressly reserves the right to modify and amend such numbers as may be necessary based on new permit requirements, budget constraints, or other unforeseen circumstances. This is especially significant since the projected years FY2022-FY2025 are being provided without an existing permit on which to base levels of effort or estimated costs comfortably.

**Carroll County**

*a great place to live, a great place to work, a great place to play*

Mr. Raymond P. Bahr  
2020 Carroll County Financial Assurance Plan  
December 18, 2018  
Page Two

Finally, I would like to extend the County's sincere appreciation to you and your staff for your continued support and assistance. I look forward to MDE and the County continuing to work jointly on any issues through the review and reporting process.

Sincerely,

A handwritten signature in black ink, reading "Thomas S. Devilbiss". The signature is written in a cursive style with a large, sweeping initial "T".

Thomas S. Devilbiss, C.P.G., C.F.M.  
Director

cc: Board of County Commissioners  
Timothy C. Burke, County Attorney  
Water Resource Coordination Council  
Chris Heyn, Bureau Chief, Bureau of Resource Management

MS4 Information	
Jurisdiction	Carroll County
Contact Name	Tom Devilbiss
Phone	410-386-2639
Address	225 N. Center Street
City	Westminster
State	MD
Zip	21157
Email	<a href="mailto:tdevilbiss@carrollcountymd.gov">tdevilbiss@carrollcountymd.gov</a>
Impervious Acre Baseline (Untreated Acres)	8070.00
Permit Number	11-FP-3319
Reporting Year	2020

**Check with MS4 Geodatabase:**

Should match Permit Info table of Geodatabase.

The submission of Carroll County’s Financial Assurance Plan (FAP) bi-annual report to the Maryland Department of the Environment (MDE) fulfills requirements specified in the Maryland Article – Environment, Section 4-202.1. This plan is being submitted to MDE in order to document actions taken and funds administered by Carroll County to comply with its National Pollutant Discharge Elimination System (NPDES) municipal separate storm sewer system (MS4) permit and demonstrate the County’s ability to fund those activities.

A 4<sup>th</sup> generation permit was issued to Carroll County on December 29, 2014 and annual reports have been submitted to MDE by the County on December 30, 2015, December 20, 2016, December 15, 2017, December 14, 2018, and December 20, 2019. These annual reports are based on the State’s fiscal year (FY) and include updates on the County’s MS4 programs and impervious surface area restoration.

In compliance with Section 4-202.1, the following FAP submission includes all activities that have been completed in compliance with Carroll County’s MS4 permit, and five-year projections for the implementation of its stormwater program and best management practices (BMPs) necessary for meeting permit requirements. Specifically, this plan documents proposed implementation and financial data for FY20 – FY25.

A major tenet of the FAP is to demonstrate the financial wherewithal for meeting MS4 permit impervious surface area restoration requirements. In order to document this ability Carroll County is providing MS4 program implementation projections for FY21, FY22, FY23, FY24, and FY25.

The completed actual or equivalent impervious acre mitigation within the 4<sup>th</sup> generation permit term (ending December 2019) is equal to 1,629 acres (20.2%). The County is currently operating by an Administrative Extension of the 4<sup>th</sup> generation permit. From January 1, 2020 to June 30, 2020 the County completed additional impervious mitigation of 129 acres (1.6%). This equates to 21.8% of the County’s baseline as of this FAP reporting period. The County intends, via this Plan, to mitigate an additional 808 acres (10% additional) in the next two years (FY21-FY22). The total proposed over the entire five years of the Plan will be 1,165 acres equivalent (14.4% of baseline).

The total cost for the proposed five-year mitigation is estimated to be \$28.6 million which is approximately \$24,500/impervious acre mitigated.

The specifics and details related to restoration projects and program implementation can be found in the previously referenced County annual NPDES reports. The County and its municipal co-permittees are very proud of their compliance achievements and the strong funding commitments as exhibited in the Plan. The achievements and continuing efforts reflect the high priority stormwater mitigation and Chesapeake Bay restoration is considered by all in Carroll County. This FAP provides confirmation related to direction and commitment and therefore represents a level of effort which meets the spirit and intent of 4-202.1.

**Article 4-202.1(j)(1)(i)1: 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: 8,070

REST BMP TYPE <sup>1</sup>	BMP CLASS	IMP ACRES	IMPL COST	% ISRP COMPLETE	IMPL STATUS <sup>2</sup>	PROJECTED IMPL YR <sup>3</sup>
<b>Operational Programs<sup>4</sup></b>						
				0.0%	Planning	
				0.0%	Planning	
				0.0%	Planning	
				0.0%	Planning	
				0.0%	Planning	
				0.0%	Planning	
				0.0%	Planning	
				0.0%	Planning	
				0.0%	Planning	
Average Operations Next Two Years (FY2021-FY2022) <sup>5</sup>			\$0	0%		
Average Operations Next Five Years (FY2021-FY2025) <sup>5</sup>			\$0	0%		
Average Operations All Years <sup>5</sup>			\$0	0%		
<b>Capital Projects</b>						
PWED	S	92	\$3,300,000	1.1%	Under Construction	FY21
WPKT	S	11	\$200,000	0.1%	Planning	FY21
XDPD	S	52	\$1,800,000	0.6%	Planning	FY21
FSND	S	13	\$700,000	0.2%	Under Construction	FY21
PWED	S	73	\$2,700,000	0.9%	Under Construction	FY21
STRE	A	28	\$600,000	0.3%	Under Construction	FY21
FSND	S	14	\$800,000	0.2%	Under Construction	FY21
FSND	S	2	\$100,000	0.0%	Under Construction	FY21
STRE	A	60	\$700,000	0.7%	Under Construction	FY21
STRE	A	279	\$2,100,000	3.5%	Planning	FY21
FPU	A	65	\$400,000	0.8%	Under Construction	FY21
STRE	A	54	\$700,000	0.7%	Planning	FY22

FSND	S	15	\$600,000	0.2%	Planning	FY22
FSND	S	15	\$1,250,000	0.2%	Proposed	FY22
FSND	S	23	\$800,000	0.3%	Planning	FY22
FPU	A	13	\$100,000	0.2%	Proposed	FY22
FSND	S	7	\$300,000	0.1%	Proposed	FY23
FSND	S	16	\$1,000,000	0.2%	Proposed	FY23
FSND	S	37	\$800,000	0.5%	Proposed	FY23
FSND	S	4	\$120,000	0.0%	Proposed	FY23
FSND	S	5	\$350,000	0.1%	Planning	FY23
MSGW	S	6	\$350,000	0.1%	Planning	FY23
FSND	S	5	\$145,000	0.1%	Proposed	FY23
FPU	A	13	\$100,000	0.2%	Planning	FY23
FSND	S	13	\$150,000	0.2%	Proposed	FY24
STRE	A	14	\$1,125,000	0.2%	Proposed	FY24
WPKT	S	15	\$1,100,000	0.2%	Proposed	FY24
FSND	S	8	\$825,000	0.1%	Proposed	FY24
PWED	S	36	\$1,100,000	0.4%	Proposed	FY24
FPU	A	13	\$100,000	0.2%	Proposed	FY24
FSND	S	25	\$1,100,000	0.3%	Proposed	FY25
PWED	S	117	\$1,525,000	1.4%	Proposed	FY25
PWED	S	14	\$1,500,000	0.2%	Proposed	FY25
FPU	A	13	\$100,000	0.2%	Proposed	FY25
Subtotal Capital Next Two Years (FY2021-FY2022)		808	\$16,850,000	10%		
Subtotal Capital Next Five Years (FY2021-FY2025)		1,165	\$28,640,000	14%		
Subtotal Capital All Years		2,397	\$61,223,728	30%		
<b>Other</b>						
				0.0%		
				0.0%		
Subtotal Other Next Two Years (FY2021-FY2022)		0	\$0	0.0%		
Subtotal Other Next Five Years (FY2021-FY2025)		0	\$0	0.0%		
Subtotal Other All Years		526	\$149,509	6.5%		

<b>Total Next Two Years (FY2021-FY2022)</b>		<b>808</b>	<b>\$16,850,000</b>	<b>10.0%</b>		
<b>Total Next Five Years (FY2021-FY2025)</b>		<b>1,165</b>	<b>\$28,640,000</b>	<b>14.4%</b>		
<b>Total All Years</b>		<b>2,923</b>	<b>\$61,373,237</b>	<b>36.2%</b>		

**Check with MS4 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.

**Notes:**

1. Use BMP domains from the MS4 Geodatabase.
2. Complete, Under Construction, Planning, or Proposed.
3. Use Fiscal Year (FY)
4. For street sweeping indicate the annual frequency that the streets are swept, and for storm drain or catch basin cleaning report the pounds of material removed.
5. Average IMP ACRES for Operational BMPs should be the average of BMP 1 + the average of BMP 2, etc.  
IMPL COST is a summation and not an average.

VERSION 8/20/20

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 2019	CURRENT YEAR FY 2020	PROJECTED YEAR 1 FY 2021	PROJECTED YEAR 2 FY 2022	PROJECTED YEAR 3 FY 2023	PROJECTED YEAR 4 FY 2024	PROJECTED YEAR 5 FY 2025	TOTAL COSTS
<b>Operating Expenditures (costs)</b>								
Street Sweeping Program								\$0
Inlet Cleaning								\$0
Support of Capital Projects		\$1,271,330	\$1,409,196	\$1,421,120	\$1,476,444	\$1,535,003	\$1,597,079	\$8,710,171
Debt Service Payment		\$1,140,908	\$1,403,580	\$1,783,090	\$2,166,520	\$2,532,389	\$2,853,770	\$11,880,257
Other (please stipulate program expenditure)*	-	-	-	-	-	-	-	\$0
<b>Capital Expenditures (costs)</b>								
General Fund (Paygo)								\$0
WPR Fund (Paygo)								\$0
Municipalities		\$485,000	\$600,000	\$568,000	\$596,000	\$626,000	\$657,000	\$3,532,000
Debt Service		\$2,851,145	\$5,326,663	\$2,882,000	\$2,569,000	\$3,774,000	\$3,568,000	\$20,970,808
Grants & Partnerships		\$1,374,855	\$7,473,337					\$8,848,192
Other (please stipulate capital expenditure)*	-	-	-	-	-	-	-	\$0
Subtotal Operation and Paygo:	\$0	\$2,412,238	\$2,812,776	\$3,204,210	\$3,642,964	\$4,067,392	\$4,450,849	\$20,590,429
<b>Total Expenditures:</b>	<b>\$0</b>	<b>\$7,123,238</b>	<b>\$16,212,776</b>	<b>\$6,654,210</b>	<b>\$6,807,964</b>	<b>\$8,467,392</b>	<b>\$8,675,849</b>	<b>\$53,941,429</b>

Total ISRP costs except debt service: \$42,061,171  
 Compare ISRP costs (except debt service) / total ISRP proposed actions: 69%

**Check with MS4 Geodatabase:**

The total current FY2020 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 FY2021 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 needed.



**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 2019	CURRENT YEAR FY 2020	PROJECTED YEAR 1 FY 2021	PROJECTED YEAR 2 FY 2022	PROJECTED YEAR 3 FY 2023	PROJECTED YEAR 4 FY 2024	PROJECTED YEAR 5 FY 2025	TOTAL NEXT 2-YEARS FY 21-22 <sup>1</sup>	TOTAL
Annual Revenue <sup>2</sup> Appropriated for ISRP		\$7,225,555	\$16,206,713	\$6,828,120	\$6,983,422	\$8,644,446	\$8,682,139	\$23,034,834	\$54,570,396
Annual Costs towards ISRP <sup>3</sup>	\$0	\$7,123,238	\$16,212,776	\$6,654,210	\$6,807,964	\$8,467,392	\$8,675,849	\$22,866,986	\$53,941,429

Compare revenue appropriated / annual costs: **101%**  
WPRP 2020 Reporting Criteria: **100%**

ISRP = Impervious Surface Restoration Program

**Notes:**

1. 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.
2. Revenue means "dedicated revenues, funds, or sources of funds (per Article 4-202.1(j)(4)(ii)).
3. See table of ISRP Cost.

**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 2019	CURRENT YEAR FY 2020	PROJECTED YEAR 1 FY 2021	PROJECTED YEAR 2 FY 2022	PROJECTED YEAR 3 FY 2023	PROJECTED YEAR 4 FY 2024	PROJECTED YEAR 5 FY 2025	TOTAL NEXT FIVE YEARS
<b>Paygo Sources</b>								
Stormwater Remediation Fees (WPR Fund)								\$ -
Miscellaneous Fees (WPR Fund)								\$ -
General Fund								\$ -
Property Tax		\$ 2,148,660	\$ 2,409,650	\$ 3,073,414	\$ 3,510,287	\$ 3,932,779	\$ 4,314,241	\$ 17,240,371
Municipalities		\$ 485,000	\$ 600,000	\$ 568,000	\$ 596,000	\$ 626,000	\$ 657,000	\$ 3,047,000
Municipal Support Capital Projects		\$ 107,880	\$ 110,970	\$ 114,299	\$ 117,728	\$ 121,260	\$ 124,898	
Fund Balance		\$ 237,210	\$ 233,740					
Development Contributions			\$ 34,353	\$ 172,407	\$ 172,407	\$ 172,407		\$ 551,575
Interest		\$ 20,805	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 90,000
Subtotal Paygo Sources	\$ -	\$ 2,999,555	\$ 3,406,713	\$ 3,946,120	\$ 4,414,422	\$ 4,870,446	\$ 5,114,139	\$ 20,928,946
<b>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).</b>								
County Transportation Bonds								\$ -
General Obligation Bonds		\$ 2,851,145	\$ 5,326,663	\$ 2,882,000	\$ 2,569,000	\$ 3,774,000	\$ 3,568,000	\$ 18,119,663
Revenue (Utility) Bonds								\$ -
State Revolving Loan Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public-private partnership (debt service)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Debt Service	\$ -	\$ 2,851,145	\$ 5,326,663	\$ 2,882,000	\$ 2,569,000	\$ 3,774,000	\$ 3,568,000	\$ 18,119,663
<b>Grants and Partnerships (no payment is expected)</b>								
State funded grants		\$ 1,175,000	\$ 7,423,337					\$ 7,423,337
Federal funded grants			\$ 50,000					\$ 50,000
Public-private partnership (matched grant)		\$ 199,855						\$ -
Subtotal Grants and Partnerships	\$ -	\$ 1,374,855	\$ 7,473,337	\$ -	\$ -	\$ -	\$ -	\$ 7,473,337
<b>Total Annual Sources of Funds</b>	<b>\$ -</b>	<b>\$ 7,225,555</b>	<b>\$ 16,206,713</b>	<b>\$ 6,828,120</b>	<b>\$ 6,983,422</b>	<b>\$ 8,644,446</b>	<b>\$ 8,682,139</b>	<b>\$ 47,344,841</b>
<b>Percent of Funds Directed Toward ISRP</b>								

Compare total permit term paygo ISRP costs / subtotal permit term paygo sources: **87%**

Compare total permit term ISRP costs / total permit term annual sources of funds: **99%**

\* WPR Fund: Watershed Protection and Restoration Fund

**Check with MS4 Geodatabase:**

The total sources related to WPR Funds in Current FY2020 should match the "WPR\_FUND" field of the geodatabase.

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:

8,070

Requirement:

20%

REST BMP ID	REST BMP TYPE <sup>1</sup>	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	% ISRP Complete	IMPL STATUS <sup>2</sup>	GEN COMMENTS
<b>Operational Programs<sup>3</sup></b>									
							0.0%	Complete	
							0.0%	Complete	
							0.0%	Complete	
							0.0%	Complete	
Average Operations Complete To Date <sup>4</sup>			0	0		\$0	0.0%		
<b>Capital Projects</b>									
CR11RST000001	PWED	S	1	7	9/16/2010	\$177,964	0.1%	Complete	Arthur Ridge
CR19RST000008	FSND	S	1	2	10/22/2019	\$200,000	0.0%	Complete	Aspen Run
CR09RST000006	IBAS	S	1	6	1/5/2009	\$125,669	0.1%	Complete	Bateman SWM Pond
CR14RST000005	FSND	S	1	21	6/24/2013	\$247,708	0.3%	Complete	Benjamin's Claim
CR21RST000001	MSGW	E	1	2	7/24/2020	\$111,000	0.0%	Complete	Benjamins Claim - Jacobs
CR16RST000014	FSND	S	1	11	7/24/2018	\$531,558	0.1%	Complete	Blue Ridge Manor
CR15RST000002	FSND	S	1	11	12/23/2015	\$491,632	0.1%	Complete	Braddock Manor West
CR10RST000004	ITRN	S	1	13	10/29/2010	\$236,321	0.2%	Complete	Brimfield
CR16RST000003	FSND	S	1	34	12/9/2016	\$876,727	0.4%	Complete	Carroll County Maintenance Center
CR14RST000004	FSND	S	1	47	11/25/2014	\$959,525	0.6%	Complete	Carrolltowne 2A Gemini Drive
CR14RST000003	PWED	S	1	14	12/13/2013	\$398,207	0.2%	Complete	Carrolltowne 2B
CR16RST000011	FSND	S	1	32	7/6/2020	\$567,000	0.4%	Complete	Central Maryland (Dry Facility)
CR16RST000012	PWED	S	1	36	2/25/2019	\$800,000	0.4%	Complete	Central Maryland (Wet Facility)
CR12RST000003	FSND	S	1	15	8/30/2012	\$298,094	0.2%	Complete	Clipper Hills - Gardenia
CR12RST000004	FSND	S	1	25	2/14/2013	\$751,630	0.3%	Complete	Clipper Hills - Hilltop
CR09RST000005	FSND	S	1	4	5/12/2009	\$172,208	0.0%	Complete	Collins Estate
CR14RST000002	FSND	S	1	16	6/27/2014	\$297,683	0.2%	Complete	Diamond Hills Section 5
CR11RST000003	FSND	S	1	17	11/3/2010	\$279,590	0.2%	Complete	Edgewood
CR18RST000001	PWED	S	1	70	3/4/2019	\$316,000	0.9%	Complete	Eldersburg Business
CR05RST000001	FSND	S	1	1	1/1/9999	\$8,000	0.0%	Complete	Eldersburg Elementary School
CR15RST000001	FSND	S	1	11	11/17/2015	\$523,930	0.1%	Complete	Eldersburg Estates 3-5
CR10RST000001	FSND	S	1	3	9/25/2009	\$96,312	0.0%	Complete	Elderwood Village
CR16RST000008	FSND	S	1	61	6/25/2020	\$2,000,000	0.8%	Complete	Elderwood Village Parcel B
CR18RST000002	FSND	S	1	5	10/11/2019	\$140,000	0.1%	Complete	Elmer Wolfe
CR18RST000003	PWED	S	1	17	8/27/2018	\$78,700	0.2%	Complete	Exceptional Center
CR16RST000007	FBIO	S	1	1	6/21/2016	\$78,471	0.0%	Complete	Farm Museum - Bioretention A
CR17RST000001	FBIO	S	1	3	6/2/2017	\$174,000	0.0%	Complete	Farm Museum - Bioretention B
CR17RST000004	MIDW	E	1	0	6/2/2017	\$6,000	0.0%	Complete	Farm Museum - Drywell
CR17RST000003	MILS	E	1	0	6/2/2017	\$25,000	0.0%	Complete	Farm Museum - Landscape Infiltration
CR17RST000005	MRWH	E	1	0	6/2/2017	\$1,250	0.0%	Complete	Farm Museum - Rain Barrel
CR17RST000002	MRNG	E	1	0	6/2/2017	\$8,000	0.0%	Complete	Farm Museum - Rain Garden
CR18RST000004	FSND	S	1	2	4/8/2019	\$37,466	0.0%	Complete	Feeser Property
CR16RST000001	PWED	S	1	22	7/10/2017	\$2,470,982	0.3%	Complete	Finksburg Industrial Park
CR14RST000001	PWED	S	1	19	8/28/2014	\$506,460	0.2%	Complete	Friendship Overlook/Diamond Hills Section 2
CR12RST000001	PWED	S	1	15	6/13/2012	\$345,448	0.2%	Complete	Harvest Farms 1A

CR16RST000018	WPKT	S	1	25	11/9/2018	\$200,000	0.3%	Complete	Hawks Ridge
CR11RST000005	FSND	S	1	4	12/7/2011	\$98,348	0.1%	Complete	Heritage Heights
CR09RST000001	FSND	S	1	7	9/16/2008	\$105,138	0.1%	Complete	Hickory Ridge
CR10RST000003	FSND	S	1	1	12/30/2009	\$217,972	0.0%	Complete	High Point
CR07RST000001	ITRN	S	1	1	9/25/2008	\$154,427	0.0%	Complete	Marriott Wood I Facility #1
CR09RST000002	FSND	S	1	3	12/3/2008	\$154,067	0.0%	Complete	Marriott Wood I Facility #2
CR09RST000003	FSND	S	1	2	9/17/2008	\$69,468	0.0%	Complete	Marriott Wood II
CR16RST000010	FSND	S	1	28	10/8/2019	\$1,170,000	0.4%	Complete	Merridale Gardens
CR16RST000002	PWED	S	1	35	11/22/2016	\$1,253,668	0.4%	Complete	Miller/Watts
CR20RST000001	FSND	S	1	20	6/25/2020	\$561,176	0.2%	Complete	Oklahoma 4
CR10RST000002	FSND	S	1	8	6/15/2010	\$198,775	0.1%	Complete	Oklahoma II Foothills
CR11RST000002	FSND	S	1	10	9/28/2010	\$187,873	0.1%	Complete	Oklahoma Phase I
CR12RST000002	PWED	S	1	18	8/3/2012	\$527,368	0.2%	Complete	Parrish Park
CR11RST000004	PWED	S	1	23	3/23/2012	\$318,122	0.3%	Complete	Quail Meadows
CR16RST000016	PWED	S	1	92	12/31/2020	\$3,500,000	1.1%	Complete	Roberts Mill
CR16RST000017	PWED	S	1	47	8/17/2020	\$1,000,000	0.6%	Complete	Shannon Run
CR18RST000005	FSND	S	2	20	12/31/2020	\$1,100,000	0.2%	Complete	Shiloh Middle
CR16RST000005	FBIO	E	1	1	1/8/2018	\$75,000	0.0%	Complete	Small Crossings Bioretention
CR16RST000004	FSND	S	1	11	1/8/2018	\$431,520	0.1%	Complete	Small Crossings Sand Filter
Multiple	FPU	A	181	62		\$939,623	0.8%	Complete	Tree plantings
CR10RST000005	FSND	S	1	14	4/7/2010	\$275,799	0.2%	Complete	Upper Patapsco Phase I - Naganna Pond
CR10RST000006	FSND	S	1	4	12/15/2010	\$344,723	0.1%	Complete	Upper Patapsco Phase II - Hoff Pond
CR09RST000004	PWED	S	1	94	10/31/2008	\$917,588	1.2%	Complete	Westminster Airport Pond
CR13RST000003	PWED	S	1	88	12/8/2015	\$2,311,479	1.1%	Complete	Westminster Community Pond
CR13RST000001	FSND	S	1	45	9/25/2013	\$1,093,671	0.6%	Complete	Westminster High School
CR16RST000009	FSND	S	2	27	12/31/2020	\$1,000,000	0.3%	Complete	Whisper Valley Phase 4
CR12RST000006	FSND	S	1	2	12/10/2012	\$23,388	0.0%	Complete	Wilda Drive
CR07RST000002	ITRN	S	1	0	2/22/2007	\$16,000	0.0%	Complete	Winfield Fire Department Addition
Subtotal Capital Complete To Date			245	1,232		\$32,583,728	15.27%		
<b>Other</b>									
CR15RST000003	FSND	S	1	1	2015	\$0	0.0%	Complete	Benjamin's Claim Basin B
CR06ALN000001	OUT	A	1	10	12/9/2005	\$97,000	0.1%	Complete	Chung
Multiple	FB	A	224	237		\$0	2.9%	Complete	Forest Buffer Easements
Multiple	FCB	A		2		\$0	0.0%	Complete	Forest Conservation Buffer
Multiple	GWB	A	261	150		\$0	1.9%	Complete	Grass Buffer Easements
Multiple	IMPP	A	8	0		\$0	0.0%	Complete	Hampstead Impervious Area Removal
Multiple	CBC	A		24		\$0	0.3%	Complete	Inlet Cleaning
CR17ALN000001	OUT	A	1	1	10/27/2016	\$52,509	0.0%	Complete	Jenna Estates
CR20APY000021	IMPP	A	1	0		\$0	0.0%	Complete	Manchester Impervious Removal
Multiple	NCL	A	3	0		\$0	0.0%	Complete	Non-Riparian Conservation Landscaping
CR18RST000009	FSND	S	1	23	2018	\$0	0.3%	Complete	Randomhouse
Multiple	RCL	A	5	1		\$0	0.0%	Complete	Riparian Conservation Landscaping
Multiple	SEPD	A	232	59		\$0	0.7%	Complete	Septic Upgrades
CR09RST000007	ITRN	S	1	13	2013	\$0	0.2%	Complete	South Carroll High School
Multiple		A		4		\$0	0.0%	Complete	Street Sweeping
CR13RST000002	FSND	S	1	3	2012	\$0	0.0%	Complete	Sunnyside Farms
Subtotal Other Complete To Date			740	526		\$149,509	6.5%		

Total Complete to Date			985	1,758		\$32,733,237	21.8%		
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**Check with MS4 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, AltBMPPoly, and RestBMP)-- aggregated by type and status.

**Notes:**

1. Use BMP domains from the MS4 Geodatabase.
2. Complete, Under Construction, Planning, or Proposed.
3. For street sweeping indicate the annual frequency that the streets are swept, and for storm drain or catch basin cleaning report the pounds of material removed
4. Average IMP ACRES for Operational BMPs should be the average of BMP 1 + the average of BMP 2, etc.  
 IMPL COST is a summation and not an average.