



Angela D. Alsobrooks
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT

Department of the Environment



Andrea L. Crooms
Acting Director

July 15, 2021

Mr. D. Lee Currey, Director
Maryland Department of the Environment
Water Management Administration
1800 Washington Boulevard
Baltimore, Maryland 21230

Dear Mr. Currey:

Prince George's County is pleased to submit its approved Financial Assurance Plan (FAP) in accordance with Senate Bill 0863, Article 4-202.1(j)(2). The FAP plan conforms to the original Maximum Extent Practicable plan prepared by our office that contains future projects and was submitted to MDE in July 2020. As part of the FY2021 legislative session, County Council has passed CR-45-2021 supporting the County's Watershed Protection and Restoration work program.

This report constitutes the Prince George's County's FAP for the current National Pollutant Discharge Elimination System (NPDES) permit term (or administratively extended), identifying:

1. Actions that will be required by the County to meet the requirements of its NPDES Phase 1 Municipal Separate Storm Sewer System Permit (MS4);
2. Projected annual FY2021, FY2022 and five-year costs for the County to meet the impervious surface restoration plan requirements of its 2014 NPDES Phase I MS4 permit and current administrative extension;
3. Projected annual and five-year revenues or other funds that will be used to meet impervious surface restoration plan requirements of its NPDES Phase I MS4 permit;
4. Any sources of funds that will be utilized by the County to meet the requirements of its NPDES Phase 1 MS4 permit; and
5. Specific actions and expenditures that the County implemented in the previous fiscal years (FY2019 and FY2020) to meet its impervious surface restoration plan requirements under its NPDES Phase I MS4 permit.

Should you require additional information, please feel free to contact me at (301)883-5812.

Sincerely,

Andrea L. Crooms
Acting Director



Angela D. Alsobrooks
County Executive

PRINCE GEORGE'S COUNTY GOVERNMENT

July 13, 2021

The Honorable Benjamin H. Grumbles
Secretary of the Environment
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230

Dear Secretary Grumbles:

Prince George's County is pleased to submit its Financial Assurance Plan (FAP) covering fiscal years FY 2021 and 2022 as required by Senate Bill 863 (2015) and as adopted by Council Resolution 045-2021.

The County continues to implement its FAP to meet its impervious surface restoration requirements using two programs: 1) the Clean Water Partnership with Corvias Solutions, Inc.; and 2) Prince George's County's Department of the Environment Capital Improvement Program.

Senate Bill 863 required the County to demonstrate that it has the funds to meet 100% of the projected costs of impervious surface restoration for the next two fiscal years (fiscal years 2021 and 2022). Over the next two years, the County estimates that it will treat 2,599 impervious acres at a total implementation cost of around \$148M, a number that is based on preliminary design and engineering estimates. The County's Financial Assurance Plan meets the State's requirements.

If you have any questions or concerns, please contact Floyd Holt, Deputy Chief Administrative Officer of Government Infrastructure, Technology and Environmental Services, at (301) 952-4227.

Sincerely,

Calvin S. Hawkins II, Chairman
Prince George's County Council

Angela D. Alsobrooks
Prince George's County Executive

COUNTY COUNCIL OF PRINCE GEORGE'S COUNTY, MARYLAND
2021 Legislative Session

Resolution No. CR-45-2021

Proposed by The Chair (by request – County Executive)

Introduced by Council Members Hawkins, Davis, Turner, Glaros and Harrison

Co-Sponsors _____

Date of Introduction April 27, 2021

RESOLUTION

1 A RESOLUTION concerning

2 Watershed Protection and Restoration

3 For the purpose of Prince George's County's Watershed Protection and Restoration Financial
 4 Assurance Plan (FAP) for approving the Prince George's County Financial Assurance as required
 5 by State law.

6 WHEREAS, the Prince George's County's FAP is required by the State of Maryland (State)
 7 to indicate how stormwater runoff will be treated and paid for over the next five (5) years and
 8 will provide the financial roadmap for complying with the Environmental Protection Agency's
 9 (EPA)_total maximum daily load (TMDL) requirements, also known as the "pollution diet" for
 10 the Chesapeake Bay; and

11 WHEREAS, in May 2015, pursuant to Senate Bill 863 there were revisions to the
 12 stormwater management program, which eliminated the mandatory stormwater remediation fees
 13 and required the development of the financial assurance plans from the State's ten (10) largest
 14 urban jurisdictions; and

15 WHEREAS, the FAP ensures that each National Pollutant Discharge Elimination System
 16 (NPDES) Phase I Municipal Separate Storm Sewer System (MS4) jurisdictions will have
 17 adequate funding to meet their Phase I MS4 permit requirement for impervious surfaces
 18 restoration; and

19 WHEREAS, Section 4-202.1 of the Environment Article of the Annotated Code of
 20 Maryland provides every two (2) years thereafter on the anniversary of the date of issuance of its
 21 National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Separate Storm
 22 Sewer System (MS4) Permit, a county shall file with the Maryland Department of the

1 Environment (MDE) a financial assurance plan; and

2 WHEREAS, the FAP must detail the following: (1) all actions required to meet MS4
3 permit requirements; (2) annual and projected 5-year costs necessary to meet the "impervious
4 surface restoration plan" (ISRP) requirement, more commonly known as the 20% restoration
5 requirement in current permits; (3) annual and projected 5-year revenues that will be used toward
6 meeting the 20% restoration requirement; (4) any and all sources of funds used toward meeting
7 MS4 permit requirements; (5) all specific actions and expenditures undertaken in the previous
8 fiscal years to meet the 20% restoration requirement; and

9 WHEREAS, Prince George's County is required to submit the information contained in the
10 FAP utilizing templates provided by MDE; and

11 WHEREAS, the Prince George's County Department of the Environment (DOE) completed
12 the FAP using the recommended FY 2021 operating budget; and

13 WHEREAS, the Prince George's County FAP is set forth as "Exhibits A, A-1, and A-2"
14 (Exhibit A) attached hereto and made part hereof; and

15 WHEREAS, the local governing body has demonstrated sufficient funding and approves
16 the FAP, as set forth in the joint letter from the County Executive and the County Council,
17 "Exhibit B" (Exhibit B) attached hereto and made part hereof; and

18 WHEREAS, the MDE will determine whether the FAP demonstrates sufficient funding
19 within ninety (90) days after Prince George's County files with MDE; and

20 WHEREAS, pursuant to Section 4-202.1 (j) (4) (iii) of the Environment Article of the
21 Annotated Code of Maryland for the filing of a second or subsequent FAP, the funding must
22 demonstrate Prince George's County has dedicated revenues, funds, or sources of funds to meet
23 100% of the projected costs of compliance with the impervious surface restoration requirements
24 under its permit for the two (2) year period immediately following the filing date of the plan; and

25 WHEREAS, the Prince George's County FAP demonstrates the County has dedicated
26 revenues, funds, or sources of funds to achieve 100% of the projected cost of compliance for the
27 two (2) year period immediately following the filing date of the FAP to fulfill the requirements
28 of Prince George's County's National Pollutant Discharge Elimination System Phase I Municipal
29 Separate Storm Sewer System Permit; and

30 WHEREAS, pursuant to Section 4-202.1 (j) (3) of the Environment Article of the
31 Annotated Code of Maryland, a county or municipality may not file a financial assurance plan
32 until the local governing body of the county or municipality (1) holds a public hearing on the


1 financial assurance plan; and (2) approves the financial assurance plan.

2 NOW, THEREFORE, BE IT RESOLVED by the County Council of Prince George's
3 County, Maryland, that the Prince George's County's Watershed Protection and Restoration
4 Financial Assurance Plan is approved as reflected and described in Exhibits A-and B.

5 BE IT FURTHER RESOLVED that upon adoption of this Resolution, it shall be
6 transmitted to the County Executive by the Clerk of the Council to submit to the Prince George's
7 County's Watershed Protection and Restoration Financial Assurance Plan to the Maryland
8 Department of the Environment.

Adopted this 8th day of June, 2021.

COUNTY COUNCIL OF PRINCE
GEORGE'S COUNTY, MARYLAND

BY: 

Calvin S. Hawkins, II
Chair

ATTEST:



Donna J. Brown
Clerk of the Council



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



Andrea L. Crooms | Acting Director

MS4 Information

Jurisdiction	Prince George's County, Maryland
Contact Name	Jeff DeHan
Phone	(301) 883-5943
Address	1801 McCormick Dr.
City	Landover
State	Maryland
Zip	20774
Email	jmdehan@co.pg.md.us
Impervious Acre Baseline (Untreated Acres)	30,524
Permit Number	11-DP-3314
Reporting Year	2020

Check with MS4 Geodatabase:

Should match Permit Info table of Geodatabase.

MDE VERSION 8/20/20



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



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: 30,524

REST BMP TYPE ¹	BMP CLASS	IMP ACRES	IMPL COST	% ISRP COMPLETE	IMPL STATUS ²	PROJECTED IMPL YR ³
Operational Programs⁴						
Litter Control		0	\$500,000	0.0%	Planning	2021
Litter Control		0	\$500,000	0.0%	Planning	2022
Litter Control		0	\$500,000	0.0%	Planning	2023
Litter Control		0	\$500,000	0.0%	Planning	2024
Litter Control		0	\$500,000	0.0%	Planning	2025
SDV	A	34	\$538,930	0.1%	Planning	2021
SDV	A	34	\$538,930	0.1%	Planning	2022
SDV	A	34	\$538,930	0.1%	Planning	2023
SDV	A	34	\$538,930	0.1%	Planning	2024
SDV	A	34	\$538,930	0.1%	Planning	2025
Average Operations Next Two Years (FY2021-FY2022) ⁵		34	\$5,194,650	0%		
Average Operations Next Five Years (FY2021-FY2025) ⁵		34	\$5,194,650	0%		
Average Operations All Years ⁵ (FY2019-FY2025)		34	\$7,272,510	0%		
Capital Projects						
PWET	S	41.87	\$2,457,325.97	0.1%	Design	2021
PWET	S	31.34	\$1,963,639.81	0.1%	Planning	2021
FBIO	S	0.69	\$441,015.30	0.0%	Under Construction	2021
PWET	S	162.65	\$6,677,769.76	0.5%	Under Construction	2021
STRE	A	15.79	\$6,780,876.85	0.1%	Under Construction	2021
FSND	S	0.58	\$376,790.00	0.0%	Complete	2021



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



REST BMP TYPE ¹	BMP CLASS	IMP ACRES	IMPL COST	% ISRP COMPLETE	IMPL STATUS ²	PROJECTED IMPL YR ³
IMPP	A	0.09	\$184,562	0.0%	Design	2021
MMBR	E	0.76	\$1,241,598	0.0%	Design	2021
PWET	S	395.93	\$21,074,119	1.3%	Design	2021
STRE	A	877.32	\$43,410,580	2.9%	Design	2021
OUT	A	0.00	\$203,913	0.0%	Construction	2021
PWET	S	213.33	\$8,855,482	0.7%	Construction	2021
STRE	A	23.89	\$2,141,433	0.1%	Construction	2021
PWET	S	26.98	\$1,274,169	0.1%	Planning	2021
MMBR	E	1.84	\$987,592	0.0%	Construction	2021
MRNG	E	2.00	\$20,000	0.0%	Construction	2021
OUT	A	58.70	\$1,888,924	0.2%	Construction	2021
SHST	A	14.08	\$908,586	0.0%	Construction	2021
STRE	A	128.74	\$5,324,261	0.4%	Construction	2021
OUT	A	171.05	\$7,349,239	0.6%	Design	2022
PWED	S	69.97	\$6,083,064	0.2%	Design	2022
PWET	S	110.50	\$9,605,996	0.4%	Design	2022
MSGW	E	33.79	\$2,937,435	0.1%	Planning	2022
OUT	A	34.18	\$4,729,975	0.1%	Planning	2022
STRE	A	149.39	\$5,756,721	0.5%	Construction	2022
PWET	S	351.75	\$30,578,671	1.2%	Design	2023
SHST	A	59.76	\$5,195,062	0.2%	Design	2023
STRE	A	44.39	\$3,858,915	0.1%	Design	2023
STRE	A	52.83	\$4,584,569	0.2%	Planning	2023
STRE	A	154.54	\$1,099,098	0.5%	Construction	2023
WSHW	S	65.75	\$5,715,785	0.2%	Design	2024
STRE	A	483.64	\$46,459,986	1.6%	Design	2024
Subtotal Capital Next Two Years (FY2021-FY2022)						
		2,565	\$142,675,065	8%		
Subtotal Capital Next Five Years (FY2021-FY2025)						
		3,778	\$240,167,152	12%		



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



REST BMP TYPE ¹	BMP CLASS	IMP ACRES	IMPL COST	% ISRP COMPLETE	IMPL STATUS ²	PROJECTED IMPL YR ³
Subtotal Capital All Years (FY2019-FY2025)		4,336	\$283,490,208	14%		
Other						
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 (FY2019-FY2025)		0	\$0	0.0%		
Total Next Two Years (FY2021-FY2022)		2,599	\$147,869,715	8.5%		
Total Next Five Years (FY2021-FY2025)		3,812	\$245,361,802	12.5%		
Total All Years (FY2019-FY2025)		4,370	\$290,762,718	14.3%		

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. See Appendix A for full description of BMP Types. Source: 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.

MDE VERSION 8/20/20



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



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
Operating Expenditures (costs)								
Street Sweeping Program (Litter Control)	\$11,905,400	\$4,500,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$51,405,400
Inlet Cleaning	\$15,411,400	\$11,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$86,411,400
Support of Capital Projects	\$22,414,561	\$10,038,900	\$10,444,200	\$10,444,200	\$10,444,200	\$10,444,200	\$10,444,200	\$84,674,461
Debt Service Payment	\$25,228,733	\$23,672,800	\$29,991,500	\$29,991,500	\$29,991,500	\$29,991,500	\$29,991,500	\$198,859,033
Other (please stipulate program expenditure)*	-	-	-	-	-	-	-	\$0
Capital Expenditures (costs)								
General Fund (Paygo)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WPR Fund (Paygo)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt Service	\$192,348,000	\$90,754,000	\$62,036,000	\$53,986,000	\$71,074,000	\$66,467,000	\$29,775,000	\$566,440,000
Grants & Partnerships	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other (please stipulate capital expenditure)*	-	-	-	-	-	-	-	\$0
Subtotal Operation and Paygo:	\$74,960,094	\$49,211,700	\$59,435,700	\$59,435,700	\$59,435,700	\$59,435,700	\$59,435,700	\$421,350,294
Total Expenditures:	\$267,308,094	\$139,965,700	\$121,471,700	\$113,421,700	\$130,509,700	\$125,902,700	\$89,210,700	\$987,790,294

Total ISRP costs except debt service: \$788,931,261
Compare ISRP costs (except debt service) / total ISRP proposed actions: 271%

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.

MDE VERSION 8/20/20



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



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 ¹	TOTAL
Annual Revenue ² Appropriated for ISRP	\$143,301,000	\$134,625,000	\$120,799,050	\$114,449,849	\$71,074,000	\$66,467,000	\$29,775,000	\$235,248,899	\$680,490,899
Annual Costs towards ISRP ³	\$267,308,094	\$139,965,700	\$121,471,700	\$113,421,700	\$130,509,700	\$125,902,700	\$89,210,700	\$234,893,400	\$987,790,294
Compare revenue appropriated / annual costs:								100%	
WPRP 2020 Reporting Criteria:								100%	

ISRP = Impervious Surface Restoration Program

Notes:

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

MDE VERSION 8/20/20



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



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
Paygo Sources								
Stormwater Management Enterprise Fund (5100)	\$ 288,204,292	\$ 79,302,100	\$ 83,105,300	\$ 83,105,300	\$ 83,105,300	\$ 83,105,300	\$ 83,105,300	\$ 415,526,500
Local Watershed Protection and Restoration Fund (5200)	\$ 90,881,845	\$ 15,932,300	\$ 17,318,100	\$ 15,508,499	\$ 15,545,029	\$ 15,530,763	\$ 25,203,054	\$ 89,105,445
General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Funds 1 (please stipulate funding source)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Funds 2 (please stipulate funding source)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Funds 3 (please stipulate funding source)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Paygo Sources	\$ 379,086,137	\$ 95,234,400	\$ 100,423,400	\$ 98,613,799	\$ 98,650,329	\$ 98,636,063	\$ 108,308,354	\$ 504,631,945
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).								
SW Bonds	\$ 139,324,000	\$ 22,228,000	\$ 24,613,000	\$ 23,022,000	\$ 17,865,000	\$ 22,415,000	\$ 29,775,000	\$ 117,690,000
Other (SRF*)	\$ 3,977,000	\$ 112,397,000	\$ 32,479,000	\$ 30,964,000	\$ 53,209,000	\$ 44,052,000	\$ -	\$ 160,704,000
Federal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Revolving Loan Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public-private partnership (debt service)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Debt Service	\$ 143,301,000	\$ 134,625,000	\$ 57,092,000	\$ 53,986,000	\$ 71,074,000	\$ 66,467,000	\$ 29,775,000	\$ 278,394,000
Grants and Partnerships (no payment is expected)								
State funded grants	\$ 276,000	\$ 1,935,000	\$ 3,350,000	\$ -	\$ -	\$ -	\$ -	\$ 3,350,000
Federal funded grants	\$ 2,359,000	\$ 2,000,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Public-private partnership (matched grant)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Grants and Partnerships	\$ 2,635,000	\$ 3,935,000	\$ 3,550,000	\$ -	\$ -	\$ -	\$ -	\$ 3,550,000
Total Annual Sources of Funds	\$ 525,022,137	\$ 233,794,400	\$ 161,065,400	\$ 152,599,799	\$ 169,724,329	\$ 165,103,063	\$ 138,083,354	\$ 786,575,945
Percent of Funds Directed Toward ISRP	27.3%	57.6%	75.0%	75.0%	41.9%	40.3%	21.6%	

Compare total permit term paygo ISRP costs / subtotal permit term paygo sources: 59%
Compare total permit term ISRP costs / total permit term annual sources of funds: 74%

* State Revolving Loan supporting Local Watershed Protection and Restoration Fund (5200)

Check with MS4 Geodatabase:

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

MDE VERSION 8/20/20



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



Article 4-202.1(j)(1)(i)5: Specific actions and expenditures that the county or municipality implemented in the previous fiscal years (FY19 and FY20) to meet its impervious surface restoration plan requirements under its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.

Baseline: 30,524

Requirement: 20%

REST BMP ID	REST BMP TYPE ¹	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	% ISRP Complete	IMPL STATUS ²	GEN COMMENTS
Operational Programs³									
	Litter Control		0	0	6/30/2019	\$500,000	0.0%	Complete	
	Litter Control		0	0	6/30/2020	\$500,000	0.0%	Complete	
	SDV	A	1	34	6/30/2019	\$538,930	0.1%	Complete	
	SDV	A	1	34	6/30/2020	\$538,930	0.1%	Complete	
Average Operations Complete To Date ⁴			2	34		\$2,077,860	0.1%		
Capital Projects									
PG17ALN106591	OUT	A	1	1.47	6/28/2018	\$364,153	0.00%	Complete	
PG17ALN000060	STRE	A	1	1.00	9/1/2018	\$0	0.00%	Complete	
PG17ALN000061	STRE	A	1	11.10	12/1/2018	\$0	0.04%	Complete	
PG17ALN000103	STRE	A	1	4.00	10/1/2018	\$0	0.01%	Complete	
PG17ALN000108	STRE	A	1	3.00	5/21/2019	\$0	0.01%	Complete	
PG17RST000203	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000204	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000213	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000214	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000217	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000218	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000219	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000220	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000221	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000222	MMBR	E	1	0.10	12/13/18	\$0	0.00%	Complete	
PG17RST000345	MMBR	E	1	0.10	11/1/19	\$0	0.00%	Complete	
PG17RST000378	MMBR	E	1	0.10	3/11/19	\$0	0.00%	Complete	
PG17RST000410	FUND	S	1	0.50	3/1/19	\$0	0.00%	Complete	
PG17RST000570	MMBR	E	1	0.40	6/18/19	\$0	0.00%	Complete	
PG17RST000571	MMBR	E	1	0.30	6/18/19	\$0	0.00%	Complete	



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



REST BMP ID	REST BMP TYPE ¹	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	% ISRP Complete	IMPL STATUS ²	GEN COMMENTS
PG17RST3044	MMBR	E	1	0.10	3/1/19	\$0	0.00%	Complete	
PG17RST4786	MMBR	E	1	0.10	3/1/19	\$0	0.00%	Complete	
PG18RST000344	MMBR	E	1	0.10	11/1/19	\$0	0.00%	Complete	
PG18RST181048	MRWH	E	1	0.01	11/30/18	\$330	0.00%	Complete	
PG19RST960	MRWH	E	1	0.04	12/15/18	\$2,480	0.00%	Complete	
PG19RST2765	PWET	S	1	7.60	10/9/2018	\$857,140	0.02%	Complete	
PG16RST101680	MMBR	E	1	0.38	10/25/2018	\$102,896	0.00%	Complete	
PG16RST101682	MMBR	E	1	0.38	10/25/2018	\$102,896	0.00%	Complete	
PG16RST101683	MMBR	E	1	0.33	10/25/2018	\$93,705	0.00%	Complete	
PG16RST101685	MMBR	E	1	0.10	10/25/2018	\$93,705	0.00%	Complete	
PG16RST101686	MMBR	E	1	0.38	10/25/2018	\$102,896	0.00%	Complete	
PG16RST101687	MMBR	E	1	0.10	10/25/2018	\$93,705	0.00%	Complete	
PG16RST101688	MMBR	E	1	0.38	10/25/2018	\$102,896	0.00%	Complete	
PG16RST101689	MMBR	E	1	0.10	10/25/2018	\$93,705	0.00%	Complete	
PG16RST101690	MMBR	E	1	0.10	10/25/2018	\$93,705	0.00%	Complete	
PG16RST101691	MMBR	E	1	0.24	10/25/2018	\$96,768	0.00%	Complete	
PG16RST101692	MMBR	E	1	0.38	10/25/2018	\$102,896	0.00%	Complete	
PG17RST000097	PMED	S	1	9.50	11/26/2018	\$438,445	0.03%	Complete	
PG17ALN121010	OUT	A	1	0.93	2/12/2019	\$298,821	0.00%	Complete	
PG17RST000388	MSGW	S	1	7.70	3/15/2019	\$293,000	0.03%	Complete	
PG18RST101240	FBIO	E	1	1.11	4/4/2019	\$633,249	0.00%	Complete	
PG18RST101190	FSND	S	1	0.68	4/21/2019	\$449,662	0.00%	Complete	
PG17ALN000032	STRE	A	1	20.30	4/30/2019	\$818,492	0.07%	Complete	
PG18RST101220	FBIO	E	1	0.23	5/6/2019	\$206,178	0.00%	Complete	
PG17RST106790	PWET	S	1	6.87	5/20/2019	\$2,666,037	0.02%	Complete	
PG17RST109000	MMBR	E	1	0.52	6/13/2019	\$144,829	0.00%	Complete	
PG17RST109001	MMBR	E	1	0.35	6/13/2019	\$140,246	0.00%	Complete	
PG18RST102000	MMBR	E	1	0.22	6/17/2019	\$122,921	0.00%	Complete	
PG18RST102001	MRWH	E	1	0.02	6/17/2019	\$96,791	0.00%	Complete	
PG19RST1713	MMBR	E	1	0.42	6/30/2019	\$73,613	0.00%	Complete	
PG19RST3627	MMBR	E	1	0.32	6/30/2019	\$73,613	0.00%	Complete	
PG19RST445	MMBR	E	1	0.37	6/30/2019	\$73,613	0.00%	Complete	
PG19RST5027	MMBR	E	1	0.30	6/30/2019	\$73,613	0.00%	Complete	



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



REST BMP ID	REST BMP TYPE ¹	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	% ISRP Complete	IMPL STATUS ²	GEN COMMENTS
PG17RST101220	MMBR	E	1	0.31	7/3/2019	\$172,035	0.00%	Complete	
PG18RST101180	FSND	S	1	0.72	7/3/2019	\$371,083	0.00%	Complete	
PG18RST101110	MMBR	E	1	0.22	7/10/2019	\$140,375	0.00%	Complete	
PG18RST101111	MMBR	E	1	0.12	7/10/2019	\$131,327	0.00%	Complete	
PG18RST101141	FSND	S	1	3.50	7/10/2019	\$907,554	0.01%	Complete	
PG18APY101140	IMPP	A	1	0.29	7/10/2019	\$118,347	0.00%	Complete	
PG18RST101230	FBIO	S	1	1.10	7/16/2019	\$484,851	0.00%	Complete	
PG17RST147180	PWET	S	1	9.38	7/18/2019	\$996,110	0.03%	Complete	
PG16RST102030	PWET	S	1	1.84	7/22/2019	\$1,033,482	0.01%	Complete	
PG17RST106780	PWET	S	1	32.70	7/22/2019	\$1,065,030	0.11%	Complete	
PG17RST147280	PWET	S	1	3.53	7/25/2019	\$748,855	0.01%	Complete	
PG19RST000004	MMBR	E	1	0.47	7/31/2019	\$184,011	0.00%	Complete	
PG19RST000005	MMBR	E	1	0.15	7/31/2019	\$58,261	0.00%	Complete	
PG19RST000006	MMBR	E	1	0.32	7/31/2019	\$124,289	0.00%	Complete	
PG19RST000007	MMBR	E	1	0.04	7/31/2019	\$13,785	0.00%	Complete	
PG19RST000008	APRP	E	1	0.05	7/31/2019	\$20,740	0.00%	Complete	
PG19RST000009	MMBR	E	1	0.33	7/31/2019	\$127,008	0.00%	Complete	
PG19RST000010	MMBR	E	1	0.27	7/31/2019	\$105,402	0.00%	Complete	
PG17RST101090	MMBR	E	1	0.41	8/23/2019	\$161,659	0.00%	Complete	
PG17RST101091	FSND	E	1	0.46	8/23/2019	\$206,397	0.00%	Complete	
PG16RST106200	MMBR	E	1	0.33	9/23/2019	\$111,368	0.00%	Complete	
PG16RST106206	MMBR	E	1	0.08	9/23/2019	\$80,039	0.00%	Complete	
PG16RST106207	IMPP	A	1	0.04	9/23/2019	\$1,798	0.00%	Complete	
PG16RST100045	MMBR	E	1	0.25	9/27/2019	\$90,545	0.00%	Complete	
PG16RST100046	MMBR	E	1	0.37	9/27/2019	\$89,924	0.00%	Complete	
PG18RST102210	FSND	E	1	0.66	9/27/2019	\$336,576	0.00%	Complete	
PG18RST101050	MSGW	S	1	1.77	10/4/2019	\$389,612	0.01%	Complete	
PG18RST102290	MMBR	E	1	0.02	10/7/2019	\$228,126	0.00%	Complete	
PG18RST102300	MMBR	E	1	0.37	10/7/2019	\$249,991	0.00%	Complete	
PG18RST102340	MMBR	E	1	0.16	10/8/2019	\$200,772	0.00%	Complete	
PG18RST102240	MMBR	E	1	0.35	10/16/2019	\$186,025	0.00%	Complete	
PG18RST102260	MMBR	E	1	0.31	10/17/2019	\$151,308	0.00%	Complete	
PG18RST101210	MMBR	E	1	0.20	10/18/2019	\$166,053	0.00%	Complete	



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



REST BMP ID	REST BMP TYPE ¹	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	% ISRP Complete	IMPL STATUS ²	GEN COMMENTS
PG18RST102350	MMBR	E	1	0.31	10/21/2019	\$185,638	0.00%	Complete	
PG17RST000122	MSGW	S	1	4.10	10/22/2019	\$830,583	0.01%	Complete	
PG17RST101150	MMBR	E	1	0.29	10/28/2019	\$128,746	0.00%	Complete	
PG17RST101151	FBIO	S	1	0.45	10/28/2019	\$383,035	0.00%	Complete	
PG17RST101152	FBIO	S	1	0.61	10/28/2019	\$192,123	0.00%	Complete	
PG17RST101153	FBIO	S	1	0.54	10/28/2019	\$277,941	0.00%	Complete	
PG18RST102310	FBIO	E	1	1.43	10/30/2019	\$579,608	0.00%	Complete	
PG18RST102280	MMBR	E	1	0.49	11/8/2019	\$196,908	0.00%	Complete	
PG18RST102200	MMBR	E	1	0.24	11/14/2019	\$239,419	0.00%	Complete	
PG18RST102190	MMBR	E	1	0.19	11/27/2019	\$195,036	0.00%	Complete	
PG18RST102230	MMBR	E	1	0.24	12/12/2019	\$194,160	0.00%	Complete	
PG16RST104320	MSGW	S	1	0.53	12/17/2019	\$326,710	0.00%	Complete	
PG16RST109120	PWET	S	1	61.38	12/18/2019	\$1,923,301	0.20%	Complete	
PG18RST101420	PWET	S	1	16.12	12/18/2019	\$562,156	0.05%	Complete	
PG18RST101470	PWET	S	1	8.17	12/30/2019	\$1,581,308	0.03%	Complete	
PG18ALN101470A	OUT	A	1	1.00	12/30/2019	\$9,814	0.00%	Complete	
PG18RST101410	PWET	S	1	23.71	1/15/2020	\$455,996	0.08%	Complete	
PG17RST108080	PWET	S	1	77.94	1/16/2020	\$3,177,156	0.26%	Complete	
PG18RST101460	PWET	S	1	39.52	1/21/2020	\$904,174	0.13%	Complete	
PG18RST102270	MMBR	E	1	0.46	2/4/2020	\$293,762	0.00%	Complete	
PG18RST102271	IMPP	A	1	0.02	2/4/2020	\$8,528	0.00%	Complete	
PG16RST107260	FBIO	E	1	0.45	2/13/2020	\$249,353	0.00%	Complete	
PG17RST101200	MMBR	S	1	0.12	2/28/2020	\$237,986	0.00%	Complete	
PG18RST102250	MMBR	E	1	0.47	3/31/2020	\$283,284	0.00%	Complete	
PG18RST101170	FSND	E	1	0.41	5/7/2020	\$549,420	0.00%	Complete	
PG18RST103390	MMBR	E	1	0.43	5/21/2020	\$652,972	0.00%	Complete	
PG17RST000105	PWET	S	1	10.06	6/1/2020	\$583,733	0.03%	Complete	
PG18RST102090	MMBR	E	1	0.49	6/1/2020	\$385,200	0.00%	Complete	
PG18RST101150	MMBR	E	1	0.22	6/3/2020	\$218,348	0.00%	Complete	
PG18RST101250	MMBR	E	1	0.28	6/15/2020	\$348,544	0.00%	Complete	
PG18RST102030	PWET	S	1	11.35	6/15/2020	\$902,311	0.04%	Complete	
PG17RST101110	MMBR	E	1	0.42	6/18/2020	\$241,767	0.00%	Complete	
PG17RST101111	MMBR	E	1	0.45	6/18/2020	\$193,414	0.00%	Complete	



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



REST BMP ID	REST BMP TYPE ¹	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	% ISRP Complete	IMPL STATUS ²	GEN COMMENTS
PG18RST101040	PWET	S	1	28.07	6/25/2020	\$2,126,901	0.09%	Complete	
PG18ALN124585	OUT	A	1	9.66	8/11/2020	\$1,013,059	0.03%	Complete	FY 21
PG18ALN124584	OUT	A	1	24.90	8/13/2020	\$893,515	0.08%	Complete	FY 21
PG17RST101180	FSND	S	1	0.53	6/30/2020	\$373,163	0.00%	Complete	
PG20RST000003	MMBR	E	1	1.41	6/30/2020	\$235,201	0.00%	Completed	
PG20ALN000010	STRE	A	1	63.94	1/22/2020	\$1,135,992	0.21%	Completed	
PG18ALN171001	STRE	A	1	10.26	2/28/2020	\$615,686	0.03%	Completed	
PG17RST000107	PWET	S	1	11.69	3/6/2020	\$1,077,367	0.04%	Completed	
Subtotal Capital Complete To Date			127	558		\$43,323,056	1.83%		
Other									
Subtotal Other Complete To Date			0	0		\$0	0.0%		
Total Complete to Date			129	592		\$45,400,916	1.9%		

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. See Appendix A for full description of BMP Types. Source: 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.

MDE VERSION 8/20/20



Angela D. Alsobrooks
County Executive

Prince George's County, Maryland

Date: December 30, 2020



DEPARTMENT OF THE ENVIRONMENT
Andrea L. Crooms | Acting Director

Appendix A

dAltBMPLine

Domain Description	Code	Code Description
Alternative BMP Type	OUT	Outfall Stabilization
	SHST	Shoreline Stabilization
	STRE	Stream Restoration

dAltBMPPoint

Domain Description	Code	Code Description
Alternative BMP Type	SEPC	Septic Connections to WWTP
	SEPD	Septic Denitrification
	SEPP	Septic Pumping

dAltBMPPoly

Domain Description	Code	Code Description
Alternative BMP Type	CBC	Catch Basin Cleaning
	IMPF	Impervious Surface Elimination (to forest)
	IMPP	Impervious Surface Elimination (to pervious)
	MSS	Mechanical Street Sweeping
	FPU	Planting Trees or Forestation on Previous Urban
	GMB	Grass/Meadow Buffers
	FB	Forest Buffers
	VSS	Regenerative/Vacuum Street Sweeping
	SDV	Storm Drain Vacuuming

dBMPType

Domain Description	Code	Code Description
Type of BMP	AGRE	Green Roof - Extensive
	AGRI	Green Roof - Intensive
	APRP	Permeable Pavements
	ARTF	Reinforced Turf
	BRCT	Bio-Reactor Carbon Filter
	DID	Disconnection of Illicit Discharges
	EDU	Education
	FBIO	Bioretention
	FORG	Organic Filter (Peat Filter)
	FPER	Perimeter (Sand) Filter
	FPRES	Floodplain Restoration
	FSND	Sand Filter

dBMPType Cont.

Domain Description	Code	Code Description
Type of BMP	FUND	Underground Filter
	IBAS	Infiltration Basin
	ITRN	Infiltration Trench
	MENF	Enhanced Filters
	MIBR	Infiltration Berms
	MIDW	Dry Well
	MILS	Landscape infiltration
	MMBR	Micro-Bioretenion
	MRNG	Rain Gardens
	MRWH	Rainwater Harvesting
	MSGW	Submerged Gravel Wetlands
	MSWB	Bio-Swale
	MSWG	Grass Swale
	MSWW	Wet Swale
	NDNR	Disconnection of Non-Rooftop Runoff
	NDRR	Disconnection of Rooftop Runoff
	NSCA	Sheetflow to Conservation Areas
	ODSW	Dry Swale
	PET	Pet Waste Management
	PMED	Micropool Extended Detention Pond
	PMPS	Multiple Pond System
	PPKT	Pocket Pond
	PWED	Extended Detention Structure, Wet
	PWET	Retention Pond (Wet Pond)
	RBS	River Bank Stabilization
	SPSC	Step Pool Storm Conveyance
	SUB	Sub-Soiling
	TRA	Trash Removal
	WEDW	Extended Detention - Wetland
	WPKT	Pocket Wetland
	WPWS	Wet Pond - Wetland
	WSHW	Shallow Marsh
	XDED	Extended Detention Structure, Dry
	XDPD	Detention Structure (Dry Pond)
	XFLD	Flood Management Area
	XOGS	Oil Grit separator
	OTH	Other