



Prince George's County, Maryland



WPRP FY2021 Annual Report	
Jurisdiction	Prince George's County, Maryland
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Baseline Acres	30,524
Permit Num	11-DP-3314
Reporting Year	FY2021 (July 1, 2020 through June 30, 2021)



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Article 4-202.1(i)(4): "The percentage and amount of funds in the local watershed protection and restoration fund spent on each of the purposes provided in subsection (h)(4) of this section;"

Program Element (Restoration)	Cost	Percent of WPRF
Capital Improvements for Stormwater Management ¹	\$49,352,931	50.34%
Property Management ²	\$25,700,000	26.21%
Public Education and Outreach ³	\$622,543	0.64%
Stormwater Management Planning (see Md. Environment Code Ann. § 4-202.1(h)(4)(iv)) ⁴	\$3,236,829	3.30%
Review of Stormwater Management Plans and Permit Applications for New Development ⁵	\$5,066,000	5.17%
Grants to Nonprofit Organizations	\$900,000	0.92%
Administration of WPRF	\$710,000	0.72%
TOTAL	\$85,588,303.20	87.30%
Number of Properties Subject to Fee	269,876	
Reporting Year	2021	
Permit Number	11-DP-3314	

Note:

¹ Capital improvement cost is the total expenditure includes completed projects (including completion certification) and active projects under planning, design, and construction.

² Total cost for tree maintenance including tree planting, litter control, and storm drain maintenance vacuuming.

³ Includes cost for public outreach and education and social economic development.

⁴ Stormwater management planning include mapping and assessment of impervious surfaces and monitoring, inspection, and enforcement activities to carry out the purposes of the watershed protection and restoration fund.

⁵ Department of Permitting, Inspection, and Enforcement staff salary.



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WPRP 2021 Annual Report	Agency	Local Ordinance Submitted to MDE	MDE Approval of Fee Reduction Policy	Fee Reduction Amount	Rate Structures							Additional Sources of Funds				Estimated Annual Revenue (Additional Sources + WPRP)		
					Annual Single Family Residential Rate Teir 1	Annual Single Family Residential Rate Teir 2	Annual Single Family Residential Rate Teir 3	Annual Commercial Rate/ ESU* (Administrative Fee = \$20.58 and Impact Fee \$20.90)	Equivalent Service Unit (ESU) impervious (in square feet)	Commercial Not Capped; Impact fee is applied per ESU rate*	Non-profits, Religious Organizations/ ESU*	Exemptions**	Federal Facilities Status	Federal Facility Fee(s)/Rate(s)	Additional Source (Grants)		Additional Source (State Revolving Loans and Bonds)	Additional Source (5100 - Stormwater Management Enterprise Fund)
Prince George's County	Department of the Environment	Yes	6-Jul-2014	\$467.74	\$33.12	\$41.48	\$62.38	41.48	2,465	41.48	41.48	See notes below	Exempt	N/A	\$1,655,000.00		\$81,730,800	\$98,036,561
		Use: Yes or No	Use the approval date or N/A	Reduction amount(s), if any, with reason for reduction(s)***				Use: N/A, amount of flate rate, rate amount per ERU, etc.				General description of exemption(s), if any	Use: No Facilities, Exempt, or Charged	Use: N/A or the fee and rate structures for federal facilities				

Directions:
 Notes:
 ESU* = Equivalent Service unit = 2465 square feet untreated impervious surface
 ** Exemptions List (City of Bowie, Volunteer Fire Departments, State, Federal, County, and Municipal owned properties)
 *** DoE has established policies and procedures to allow County property owners to reduce the Clean Water Act fees. These policies account for on-site and off-site systems, facilities, services, or activities that reduce the quantity or improve the quality of stormwater discharged from County properties.



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2021 Sources	Amount
Annual Single Family Residential Fees Collected	\$ 8,436,323
Annual Commercial Fees Collected	\$ 5,668,475
Non-profits, Religious Orgs Fees Collected	\$ 545,963
Grants	\$ 1,655,000
Additional Source (5100 - Stormwater Management Enterprise Fund)	\$ 81,730,800
	\$ 98,036,561



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List of Completed Projects in FY2021

REST BMP ID	REST BMP TYPE	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST*	IMPL STATUS	IMPL COMP YR
Restoration Programs								
PG19RST000001	MMBR	ESD	1	0.26	1/7/21	\$203,322	Complete	2021
PG19RST000003	MMBR	ESD	1	0.28	1/7/21	\$203,322	Complete	2021
PG19RST000002	MMBR	ESD	1	0.42	1/7/2021	\$203,322	Complete	2021
PG18RST181059	ODSW	Structural BMP	1	0.10	3/8/2021	\$0	Complete	2021
PG18RST001762	ODSW	Structural BMP	1	0.10	3/8/2021	\$0	Complete	2021
PG18RST181063	ODSW	Structural BMP	1	0.10	3/8/2021	\$0	Complete	2021
PG18RST181060	ODSW	Structural BMP	1	0.10	3/8/2021	\$0	Complete	2021
PG19RST000064	PWED	Structural BMP	1	29.15	4/27/2021	\$1,367,483	Complete	2021
PG19RST000016	MMBR	ESD	1	0.28	1/7/2021	\$203,322	Complete	2021
PG19RST000014	FBIO	Structural BMP	1	0.43	3/12/2021	\$192,278	Complete	2021
PG18RST181061	MSWG	ESD	1	0.10	3/8/2021	\$0	Complete	2021
PG18RST181051	MMBR	ESD	1	0.10	12/1/2020	\$0	Complete	2020
PG18RST181062	MSWG	ESD	1	0.10	3/8/2021	\$0	Complete	2021
PG16RST102640	PWET	Structural BMP	1	45.17	5/24/2021	\$4,104,856	Complete	2021
PG17RST101120	FSND	Structural BMP	1	0.92	12/11/2020	\$510,457	Complete	2020
PG18RST147190	PWET	Structural BMP	1	3.27	7/31/2020	\$750,671	Complete	2020
PG18RST147240	PWET	Structural BMP	1	1.92	7/31/2020	\$698,605	Complete	2020
PG18RST147250	PWET	Structural BMP	1	3.39	7/31/2020	\$912,709	Complete	2020
PG18RST147210	PWET	Structural BMP	1	2.52	7/31/2020	\$874,073	Complete	2020
PG17RST101240	PWET	Structural BMP	1	104.38	4/30/2021	\$8,820,852	Complete	2021
PG18RST181064	ODSW	Structural BMP	1	0.10	3/8/2021	\$0	Complete	2021
PG18RST000041	ODSW	Structural BMP	1	0.30	3/8/2021	\$0	Complete	2021
PG18RST000037	MSWG	ESD	1	0.40	3/8/2021	\$0	Complete	2021
PG18RST000035	MSWG	ESD	1	0.20	3/8/2021	\$0	Complete	2021
PG18RST000040	ODSW	Structural BMP	1	0.10	3/8/2021	\$0	Complete	2021
PG18RST000045	ODSW	Structural BMP	1	0.20	3/8/2021	\$0	Complete	2021
PG18RST000039	ODSW	Structural BMP	1	0.10	3/8/2021	\$0	Complete	2021

*The zero cost indicates that the project was implemented by others with no expense to the County. However, the project was reported for crediting under NPDES.



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List of Completed Projects in FY2021

REST BMP ID	REST BMP TYPE	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST*	IMPL STATUS	IMPL COMP YR
PG18RST147270	PWET	Structural BMP	1	22.21	7/23/2020	\$1,588,393	Complete	2020
PG18RST101200	FSND	Structural BMP	1	0.85	1/12/2021	\$649,321	Complete	2021
PG18RST101240	FBIO	Structural BMP	1	1.50	4/28/2021	\$932,353	Complete	2021
PG18RST102040	PWET	Structural BMP	1	1.47	3/23/2021	\$717,302	Complete	2021
PG18RST101450	PWET	Structural BMP	1	6.00	10/27/2020	\$1,347,071	Complete	2020
PG17ALN171000	STRE	Alternative BMP	1	75.76	2/4/2021	\$2,995,078	Complete	2021
PG19ALN101090	STRE	Alternative BMP	1	253.56	5/19/2021	\$8,844,000	Complete	2021
PG18ALN172570	STRE	Alternative BMP	1	98.53	5/7/2021	\$4,318,041	Complete	2021
PG18ALN124593	STRE	Alternative BMP	1	240.57	5/26/2021	\$7,606,791	Complete	2021
PG21ALN001236	STRE	Alternative BMP	1	0.66	5/26/2021	\$9,059	Complete	2021
PG21ALN001237	STRE	Alternative BMP	1	1.64	5/26/2021	\$19,415	Complete	2021
PG21ALN001246	STRE	Alternative BMP	1	15.74	5/26/2021	\$461,671	Complete	2021
PG21ALN001247	STRE	Alternative BMP	1	11.95	5/26/2021	\$350,437	Complete	2021
PG18ALN102910	STRE	Alternative BMP	1	101.43	1/21/2021	\$3,149,000	Complete	2021
PG18ALN124563	STRE	Alternative BMP	1	55.00	2/1/2021	\$835,104	Complete	2021
PG18ALN124586	STRE	Alternative BMP	1	17.00	5/26/2021	\$875,055	Complete	2021
PG19ALN101100	STRE	Alternative BMP	1	201.79	6/16/2021	\$10,586,000	Complete	2021
PG17ALN000036	SHST	Alternative BMP	1	51.02	2/2/2021	\$1,009,023	Complete	2021
PG17ALN171010	STRE	Alternative BMP	1	93.90	4/5/2021	\$3,282,018	Complete	2021
PG18ALN102550	STRE	Alternative BMP	1	23.89	12/7/2020	\$3,152,901	Complete	2020
PG18ALN172580	STRE	Alternative BMP	1	296.21	6/9/2021	\$14,355,085	Complete	2021

Sub Total 1,765.17 IA¹ \$ 86,128,389

TOTAL (Impervious Surface Removal, Tree Planting, Storm Drain Vacuuming, ESD and Structural BMPs) = **1,765.17 IA¹** **\$** **86,128,389**

¹ Note that total impervious acres do not represent the credit adjusted for retrofitted projects and should not be used for cost per impervious acre credit calculation.

*The zero cost indicates that the project was implemented by others with no expense to the County. However, the project was reported for crediting under NPDES.



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Date: December 30, 2021



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	Micropond 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