

Board of County Commissioners

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Carroll County Department of Planning and Land Management

Christopher Heyn, P.E.
Director
Email: cheyn@carrollcountymd.gov
Phone: 410-386-2949

December 19, 2024

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

Re: 2024 Carroll County Financial Assurance Plan
Watershed Protection and Restoration Program

Dear. Ray:

The attached Carroll County 2024 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 two public venues regarding the FAP:


1. A November 21, 2024, briefing by staff to the Board regarding the FAP, which included Board approval to move forward to a public hearing.
2. A December 5, 2024, public hearing by the Board regarding the FAP, after which the FAP was approved.

The Carroll County 2024 FAP demonstrates sufficient funding in the current fiscal year and subsequent budgets to meet its anticipated costs per requirements with this 2024 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 waste load 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.

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,


Christopher P. Heyn, P.E.
Director

CPH/mlb

cc: Board of County Commissioner
Timothy C. Burke, County Attorney
Water Resource Coordination Council
Janet O'Meara, Bureau Chief, Bureau of Resource Management

R:\NPDES\Financial Assurance Plan (FAP)\FY2024\2024 Carroll County FAP Cover.docx

MS4 Information	
Jurisdiction	Carroll County
Contact Name	Christopher Heyn
Phone	410-386-2949
Address	225 N. Center St.
City	Westminster
State	MD
Zip	21157
Email	cheyn@carrollcountymd.gov
Continued Annual Alternative Impervious Surface Restoration (ISR) acres	17.00
Required ISR in Permit (acres)	1217.00
Permit Number	22-DP-3319
Permit Term Fiscal Years (FY)	2023-2028
Reporting FY	2024

Note:

Continued annual alternative ISR and required ISR new permit should match MS4 Permit condition Part IV.E. Stormwater Restoration.

Version 4-26-24

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.

BMP ID or NAME ¹	BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
Obligations from Previous Permit That Must Be Continued or Met				17.00					
Operational Programs ^{2,3}									
					0%				
					0%				
Subtotal Operations ⁴			0	0	0%	\$0			

BMP ID or NAME ¹	BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
Capital Projects (Completed to Replace Annual Obligations)^{2,3}									
CR16RST000015	WPKT	S	1	17.42	102%	\$957,632	6/9/2023	Complete	Locust Wetland
					0%				
Subtotal Capital			1	17	102%	\$957,632			
Other (Completed to Replace Annual Obligations)^{2,3}									
					0%				
					0%				
Subtotal Other			0	0	0%	\$0			
Total Continued Obligations from Previous Permit			1	17	102%	\$957,632			

BMP ID or NAME ¹	BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
Restoration for the New Permit				1217.00					
Operational Programs^{3,5}									
Multiple	CBC	A	9	8.71	1%	\$0		Complete	Inlet Cleaning 2021
Multiple	CBC	A	9	3.39	0%	\$0		Complete	Inlet Cleaning 2022
Multiple	CBC	A	9	5.93	0%	\$0		Complete	Inlet Cleaning 2023
Multiple	CBC	A	9	3.04	0%	\$0		Complete	Inlet Cleaning 2024
Multiple	VSS	A	9	6.17	1%	\$0		Complete	Advanced Street Sweeping 2021
Multiple	VSS	A	9	14.42	1%	\$0		Complete	Advanced Street Sweeping 2022
Multiple	VSS	A	9	14.25	1%	\$0		Complete	Advanced Street Sweeping 2023
Multiple	VSS	A	9	14.25	1%	\$0		Complete	Advanced Street Sweeping 2024
Multiple	MSS	A	4	0.02	0%	\$0		Complete	Mechanical Street Sweeping 2021
Multiple	MSS	A	4	0.03	0%	\$0		Complete	Mechanical Street Sweeping 2022
Multiple	MSS	A	4	0.03	0%	\$0		Complete	Mechanical Street Sweeping 2023
Multiple	MSS	A	4	0.03	0%	\$0		Complete	Mechanical Street Sweeping 2024
Subtotal Operations ⁴			88	17.6	1%	\$0			

BMP ID or NAME ¹	BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
Capital Projects^{3,5}									
CR21RST000001	MSGW	E	1	2.05	0%	\$111,108	7/24/2020	Complete	Benamins Claim - Jacobs
CR16RST000016	PWED	S	1	91.8	8%	\$3,507,367	9/25/2020	Complete	Roberts Mill
CR18RST000005	FSND	S	2	19.61	2%	\$1,085,397	12/10/2020	Complete	Shiloh Middle
CR16RST000025	FSND	S	1	22.15	2%	\$799,844	5/24/2021	Complete	Greens of Westminster 2#6
CR16RST000013	PWED	S	1	93.64	8%	\$3,169,828	9/15/2021	Complete	Langdon (Jantz)
CR18RST000006	PWED	S	1	106.09	9%	\$2,670,400	7/28/2021	Complete	Willow Pond
CR16RST000022	PWED	S	1	47.78	4%	\$1,276,264	8/17/2022	Complete	Trevanion Terrace
CR18RST000007	FSND	S	1	28.39	2%	\$761,645	3/31/2022	Complete	Woodsyde One
CR18RST000008	FSND	S	1	1.58	0%	\$100,000	3/31/2022	Complete	Woodsyde Two
CR22RST000002	FUND	S	1	0.19	0%	\$449,887	9/7/2023	Complete	North Carroll Library
CR22RST000009	FSND	S	1	5.58	0%	\$181,724	12/12/2022	Complete	Patapsco Valley Overlook
CR21RST000005	MSGW	E	1	11.4	1%	\$316,138	12/12/2022	Complete	Stone Manor
CR22RST000004	FSND	S	1	7.99	1%	\$551,580	11/22/2023	Complete	Sun Valley II
CR19ALN000003	STRE	A	1	28.2	2%	\$600,000	7/28/2021	Complete	Willow Pond Stream Restoration
CR19ALN000005	STRE	A	1	279.31	23%	\$2,013,774	5/23/2022	Complete	Mayberry Stream Restoration
CR19ALN000004	STRE	A	1	59.57	5%	\$700,000	3/31/2022	Complete	Woodsyde Stream Restoration
CR21ALN000001	STRE	A	1	65.54	5%	\$ 1,611,774	4/17/2024	Complete	Brynwood Stream Restoration
CR22ALN000001	STRE	A	1	4.2	0%	\$0	4/11/2024	Complete	Stone Manor Pump Station Stream Restoration
Multiple	RFP	A	12	49.86	4%	\$202,959		Complete	Tree Plantings - Riparian
Multiple	FPU	A	17	70.56	6%	\$356,776		Complete	Tree Plantings - Upland
Subtotal Capital			48	995.49	82%	\$20,466,465			

BMP ID or NAME ¹	BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
Other^{3,5}									
CR20APY000021	IMPP	A	1	0.22	1%	\$0		Complete	Manchester Impervious Removal
Multiple	FCO	A	26	32.28	3%	\$0		Complete	Forest Conservation
Multiple	RCL	A	24	12.27	1%	\$0		Complete	Riparian Conservation Landscaping
Multiple	CLTM	A	25	12.50	1%	\$0		Complete	Non-Riparian Conservation Landscaping
Multiple	SEPD	A	64	10.24	1%	\$0		Complete	Septic Upgrades
Subtotal Other			140	68	6%	\$0			
Total Additional Restoration			276	1,081	89%	\$20,466,465			

Notes:

1. Use BMP IDs, types, classes, impervious acres, built dates, etc. from MS4 Geodatabase.
2. % ISR Complete compared to continued annual alternative ISR.
3. Insert additional rows as necessary.
4. Impervious Acres are the average for the time period, Implementation Costs are totaled.
5. % ISR Complete compared to ISR new permit.

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.

Continued Annual Alternative ISR (acres) 17
 Required ISR New Permit (acres): 1,217

BMP TYPE ¹	BMP CLASS	IMPERVIOUS ACRES	% ISR GOAL	IMPLEMENTATION COSTS	IMPLEMENTATION STATUS	IMPLEMENTATION COMPLETION YEAR (FY)
Obligations from Previous Permit That Must Be Continued or Met						
Operational Programs^{2,3}						
			0%			
			0%			
Operations Next Two Years (FY25-26) ⁴		0	0%	\$0		
Operations Next Five Years (FY25-29) ⁴		0	0%	\$0		
Operations Permit Term (FY23-28) ⁴		0	0%	\$0		

BMP TYPE ¹	BMP CLASS	IMPERVIOUS ACRES	% ISR GOAL	IMPLEMENTATION COSTS	IMPLEMENTATION STATUS	IMPLEMENTATION COMPLETION YEAR (FY)
Capital Projects (Completed to Replace Annual Obligations)^{2,3}						
			0%			
			0%			
Subtotal Capital Next Two Years (FY25-26)		0	0%	\$0		
Subtotal Capital Next Five Years (FY25-29)		0	0%	\$0		
Subtotal Capital Permit Term (FY23-28)		17	102%	\$957,632		
Other (Completed to Replace Annual Obligations)^{2,3}						
			0%			
			0%			
Subtotal Other Next Two Years (FY25-26)		0	0%	\$0		
Subtotal Other Next Five Years (FY25-29)		0	0%	\$0		
Subtotal Other Permit Term (FY23-28)		0	0%	\$0		
Total Continued Obligations Next Two Years (FY25-26)		0	0%	\$0		
Total Continued Obligations Next Five Years (FY25-29)		0	0%	\$0		
Total Continued Obligations Permit Term (FY23-28)		17	102%	\$957,632		

BMP TYPE ¹	BMP CLASS	IMPERVIOUS ACRES	% ISR GOAL	IMPLEMENTATION COSTS	IMPLEMENTATION STATUS	IMPLEMENTATION COMPLETION YEAR (FY)
Restoration for the Current Permit						
Operational Programs ^{3,5}						
			0%			
			0%			
Operations Next Two Years (FY25-26) ⁴		0	0%	\$0		
Operations Next Five Years (FY25-29) ⁴		0	0%	\$0		
Operations Permit Term (FY23-28) ⁴		0	0%	\$0		

BMP TYPE ¹	BMP CLASS	IMPERVIOUS ACRES	% ISR GOAL	IMPLEMENTATION COSTS	IMPLEMENTATION STATUS	IMPLEMENTATION COMPLETION YEAR (FY)
Capital Projects^{3,5}						
FSND	S	30.41	2%	\$1,100,000	Planning	2025
STRE	A	7.18	1%	\$0	Planning	2025
FSND	S	28.03	2%	\$1,500,000	Planning	2025
MSGW	E	3.11	0%	\$1,000,000	Planning	2025
STRE	A	2.64	0%	\$550,000	Under Construction	2025
FSND	S	10.12	1%	\$540,200	Under Construction	2025
FSND	S	12.43	1%	\$500,000	Planning	2025
FSND	S	11.61	1%	\$500,000	Planning	2026
FSND	S	17.09	1%	\$1,500,000	Planning	2026
FSND	S	7.22	1%	\$850,000	Planning	2026
FSND	S	19.27	2%	\$2,000,000	Planning	2026
MSGW	E	43.01	4%	\$3,500,000	Planning	2026
STRE	A	17.5	1%	\$0	Planning	2026
STRE	A	13.5	1%	\$1,150,000	Planning	2027
FSND	S	49.41	4%	\$1,100,000	Planning	2027
FSND	S	11.21	1%	\$850,000	Planning	2027
FSND	S	5.28	0%	\$1,625,000	Planning	2027
FBIO	S	5.54	0%	\$480,000	Planning	2027
WPKT	S	23.45	2%	\$1,100,000	Planning	2028
FSND	S	6.89	1%	\$650,000	Planning	2028
WSHW	S	7.65	1%	\$1,100,000	Planning	2028
PWED	S	11.76	1%	\$1,325,000	Planning	2028
PWED	S	36.63	3%	\$1,600,000	Planning	2028
PWED	S	38.73	3%	\$1,650,000	Planning	2029
PWED	S	95.66	8%	\$2,125,000	Planning	2029
FSND	S	6.39	1%	\$205,000	Planning	2029
FPU	A	12.5	1%	\$100,000	Planning	2025
FPU	A	12.5	1%	\$100,000	Planning	2026
FPU	A	12.5	1%	\$100,000	Planning	2027
FPU	A	12.5	1%	\$100,000	Planning	2028
FPU	A	12.5	1%	\$100,000	Planning	2029
Subtotal Capital Next Two Years (FY25-26)		235	19%	\$13,740,200		
Subtotal Capital Next Five Years (FY25-29)		584	48%	\$29,000,200		
Subtotal Capital Permit Term (FY23-28)		1,426	117%	\$45,386,665		

BMP TYPE ¹	BMP CLASS	IMPERVIOUS ACRES	% ISR GOAL	IMPLEMENTATION COSTS	IMPLEMENTATION STATUS	IMPLEMENTATION COMPLETION YEAR (FY)
Other^{3,5}						
			0%			
			0%			
Subtotal Other Next Two Years (FY25-26)		0	0%	\$0		
Subtotal Other Next Five Years (FY25-29)		0	0%	\$0		
Subtotal Other Permit Term (FY23-28)		68	6%	\$0		
Total Next Two Years (FY25-26)		235	19%	\$13,740,200		
Total Next Five Years (FY25-29)		584	48%	\$29,000,200		
Total Permit Term (FY23-28)		1,494	123%	\$45,386,665		

Notes:

*To identify all "actions" required under the MS4 permit, provide an executive summary of the jurisdiction's MS4 programs. For proposed actions to meet the impervious surface restoration plan, complete the above table.

1. Use BMP domains from MDE MS4 Geodatabase.
2. % ISR Complete compared to continued annual alternative ISR.
3. Insert additional rows as necessary.
4. Impervious Acres are the average for the time period, Implementation Costs are totaled.
5. % ISR Complete compared to ISR new permit.

Version 4-26-24

**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 YEAR FY 2023¹	CURRENT YEAR FY 2024	PROJECTED YEAR 1 FY 2025	PROJECTED YEAR 2 FY 2026	PROJECTED YEAR 3 FY 2027	PROJECTED YEAR 4 FY 2028	PROJECTED YEAR 5 FY 2029	TOTAL PERMIT TERM² FY 2023-2028
Operating Expenditures (costs)								
Street Sweeping Program								\$0
Inlet Cleaning								\$0
IDDE								\$0
Support of Capital Projects	\$4,269,966	\$1,609,844	\$1,769,320	\$1,870,710	\$1,979,220	\$2,095,460	\$2,220,090	\$13,594,520
Debt Service Payment ³	\$4,856,332	\$1,754,146	\$1,764,790	\$2,017,930	\$2,528,900	\$3,167,700	\$3,664,730	\$16,089,798
Other (please stipulate program expenditure) ⁴	-	-	-	-	-	-	-	\$0
Capital Expenditures (costs)								
General Fund (Paygo)	\$568,524	\$1,646,457	\$2,150,000	\$100,000	\$950,000	\$1,425,000	\$2,430,000	\$6,839,980
WPR Fund (Paygo)								\$0
Debt Service	\$13,680,310	\$1,053,527	\$1,890,200	\$7,660,000	\$4,673,000	\$4,778,000	\$1,988,000	\$33,735,038
Grants & Partnerships	\$7,541,250	\$51,832	\$1,550,000	\$1,000,000	\$0	\$0	\$0	\$10,143,083
Other (please stipulate capital expenditure) ⁴	-	-	-	-	-	-	-	\$0
Total expenditures:	\$30,916,382	\$6,115,807	\$9,124,310	\$12,648,640	\$10,131,120	\$11,466,160	\$10,302,820	\$80,402,419

Notes:

1. Includes costs since expiration date of previous permit up to and including FY 2023.
2. Total permit term includes costs associated with the current permit expiring in FY 2027.
3. Debt service payments include debt service used to support capital projects from current and previous permit.
4. 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 2023 ¹	CURRENT YEAR FY 2024	PROJECTED YEAR 1 FY 2025	PROJECTED YEAR 2 FY 2026	PROJECTED YEAR 3 FY 2027	PROJECTED YEAR 4 FY 2028	PROJECTED YEAR 5 FY 2029	TOTAL NEXT 2-YEARS FY 2025-2026 ²	TOTAL PERMIT TERM FY 2023-2028
Annual Revenue Appropriated for ISRP ³	\$41,872,330	\$9,390,915	\$9,232,880	\$9,964,295	\$9,621,760	\$10,032,910	\$10,505,110	\$19,197,175	\$90,115,090
Annual Costs towards ISRP ⁴	\$30,916,382	\$6,115,807	\$9,124,310	\$12,648,640	\$10,131,120	\$11,466,160	\$10,302,820	\$21,772,950	\$80,402,419

Compare revenue appropriated / annual costs: **88%**
 Requirement in Article 4-202.1(j)(4)(iii)⁵: **100%**

- Notes:**
1. Includes revenue since expiration date of previous permit up to and including FY 2023.
 2. Article 4-202.1(j)(2): "A financial assurance plan shall demonstrate that the 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 financial assurance plan."
 3. Revenue means "dedicated revenues, funds, or sources of funds" (per Article 4-202.1(j)(4)(iii)).
 4. See ISRP Cost spreadsheet.
 5. Article 4-202.1(j)(4)(iii): "For the filing of a second and subsequent financial assurance plan, funding in the financial assurance plan is sufficient if the financial assurance plan demonstrates that the county or municipality has dedicated revenues, funds, or sources of funds to meet, for the 2-year period immediately following the filing date of the financial assurance plan, 100% of the projected costs of compliance with the impervious surface restoration plan requirements of the county or municipality under its national pollutant discharge elimination system Phase I municipal separate storm sewer system permit over the 2-year period."

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<i>The above comparison does not account for rollover from one year to the next:</i>	
Rolling revenue thru FY26	\$70,460,420
Rolling costs thru FY 26	\$58,805,139
Requirement in Article 4-202.1(j)(4)(iii)⁵:	120%

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 THRU¹ FY 2023	CURRENT YEAR FY 2024	PROJECTED YEAR 1 FY 2025	PROJECTED YEAR 2 FY 2026	PROJECTED YEAR 3 FY 2027	PROJECTED YEAR 4 FY 2028	PROJECTED YEAR 5 FY 2029	TOTAL PERMIT TERM FY 2023-2028
Paygo Sources								
Stormwater Remediation Fees (WPR Fund)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous Fees (WPR Fund)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Fund								\$ -
Other Funds 1 (Property Tax)	\$ 8,721,045	\$ 3,268,400	\$ 3,674,840	\$ 4,805,545	\$ 5,311,820	\$ 5,567,450	\$ 5,855,460	\$ 31,349,100
Other Funds 2 (Municipalities)	\$ 347,869	\$ 148,100	\$ 151,030	\$ 158,640	\$ 167,440	\$ 176,740	\$ 186,550	\$ 1,149,819
Other Funds 3 (Interest)	\$ 43,520	\$ 73,573						\$ 117,094
Other Funds 4 (Developer Contribution)	\$ 344,814	\$ 172,407						\$ 517,221
Other Funds 5 (Municipal - Capital)	\$ 1,403,664	\$ 347,850	\$ 365,250	\$ 383,510	\$ 402,680	\$ 422,810	\$ 443,950	\$ 3,325,764
Other Funds 6 (Special Revenue Transfer)	\$ 517,200	\$ 278,150	\$ 291,760	\$ 306,500	\$ 321,820	\$ 337,910	\$ 354,800	\$ 2,053,340
Other Fund 7 (General Fund Transfer)	\$ 170,793	\$ 2,000,603						\$ 2,171,396
Subtotal Paygo Sources	\$ 11,548,906	\$ 6,289,083	\$ 4,482,880	\$ 5,654,195	\$ 6,203,760	\$ 6,504,910	\$ 6,840,760	\$ 40,683,734
Debt Service²								
County Transportation Bonds								\$ -
General Obligation Bonds	\$ 22,782,174	\$ 3,050,000	\$ 3,200,000	\$ 3,310,100	\$ 3,418,000	\$ 3,528,000	\$ 3,664,350	\$ 39,288,274
Revenue (Utility) Bonds								\$ -
State Revolving Loan Fund								\$ -
Public-private partnership (debt service)								\$ -
Subtotal Debt Service	\$ 22,782,174	\$ 3,050,000	\$ 3,200,000	\$ 3,310,100	\$ 3,418,000	\$ 3,528,000	\$ 3,664,350	\$ 39,288,274
Grants and Partnerships³								
State funded grants	\$ 6,561,309	\$ 51,832	\$ 550,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 8,163,142
Federal funded grants	\$ 979,941	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,979,941
Public-private partnership (matched grant)								\$ -
Subtotal Grants and Partnerships	\$ 7,541,250	\$ 51,832	\$ 1,550,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 10,143,083
Total Annual Sources of Funds	\$ 41,872,330	\$ 9,390,915	\$ 9,232,880	\$ 9,964,295	\$ 9,621,760	\$ 10,032,910	\$ 10,505,110	\$ 90,115,090
Percent of Funds Directed Toward ISRP	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Notes:

1. Previous accumulated revenue should be specifically designated for use for this current permit.
2. Paygo sources will be used to pay off debt service. Note that previous appropriations for debt service used for ISRP are listed in FY 2023.
3. No payment is expected.

* WPR Fund: Watershed Protection and Restoration Fund.

Code Description	Code	Class
Ponds		
Micro-Pool Extended Detention Pond	PMED	S
Multiple Pond	PMPS	S
Pocket Pond	PPKT	S
Wet Extended Detention Pond	PWED	S
Wet Pond	PWET	S
Wetlands		
ED Shallow Wetland	WEDW	S
Pocket Wetland	WPKT	S
Pond Wetland System	WPWS	S
Shallow Marsh	WSHW	S
Infiltration		
Infiltration Basin	IBAS	S
Infiltration Trench	ITRN	S
Landscape Infiltration	MILS	E
Infiltration Berm	MIBR	E
Dry Well	MIDW	E
Filtering Systems		
Surface Sand Filter	FSND	S
Underground Filter	FUND	S
Perimeter Filter	FPER	S
Organic Filter	FORG	S
Pocket Filter	FPKT	S
Bioretention	FBIO	S
Submerged Gravel Wetland	MSGW	E
Micro-Bioretention	MMBR	E
Rain Garden	MRNG	E
Enhanced Filter	MENF	E
Open Channel Systems		
Dry Swale	ODSW	S
Wet Swale	OWSW	S
Bio-Swale	MSWB	E
Grass Swale	MSWG	E
Wet Swale	MSWW	E
Alternative Surfaces		
Green Roof - Extensive	AGRE	E
Green Roof - Intensive	AGRI	E
Permeable Pavement	APRP	E
Reinforced Turf	ARTF	E
Nonstructural Techniques		
Non-Rooftop Disconnect	NDNR	E
Rooftop Disconnect	NDRR	E
Sheetflow to Conservation Area	NSCA	E
Other Systems		
Rainwater Harvesting	MRWH	E
Other Practices		
Extended Detention Structure, Dry	XDED	S
Detention Structure (Dry Pond)	XDPD	S
Flood Management Area	XFLD	S

Oil Grit separator	XOGS	S
Other	OTH	
Alternative BMP		
Mechanical Street Sweeping	MSS	A
Regenerative/Vacuum Street Sweeping (i.e., Advanced Street Sweeping)	VSS	A
Catch Basin Cleaning	CBC	A
Storm Drain Vacuuming (i.e., Storm Drain Cleaning)	SDV	A
Stream Restoration	STRE	A
Outfall Stabilization	OUT	A
Shoreline Management	SHST	A
Septic Connections to WWTP	SEPC	A
Septic Denitrification	SEPD	A
Septic Pumping	SEPP	A
Elimination of Discovered Nutrient Discharges from Grey Infrastructure	DGI	A
Floating Treatment Wetlands	XFTW	A
Impervious Surface Reduction (i.e., impervious to pervious)	IMPP	A
Impervious Surface to Forest (i.e., IMPP + FPU)	IMPF	A
Forestation on Pervious Urban (i.e., Forest Planting)	FPU	A
Conservation Landscaping	CLTM	A
Forest Conservation	FCO	A
Riparian Conservation Landscaping	RCL	A
Riparian Forest Planting	RFP	A
Street Trees	STCI	A
Urban Soil Restoration (Compacted Pervious Surfaces)	USRP	A
Urban Soil Restoration (Removed Impervious Surfaces)	USRI	A
Urban Tree Canopy (i.e., Pervious Turf to Tree Canopy over Turf)	UTC	A
Dry Channel Regenerative Step Pool Stormwater Conveyance System	SPSD	A

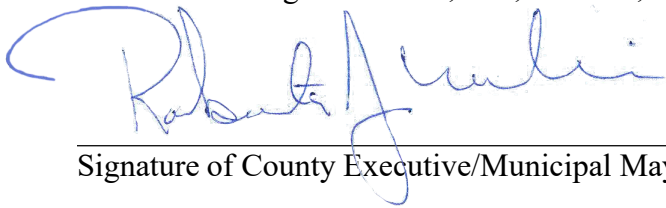
CERTIFICATION

WHEREAS, the provisions of § 4-202.1 of the Environment Article of the Annotated Code of Maryland require Carroll County (County/City) to file a financial assurance plan to the Maryland Department of the Environment that demonstrates that it has sufficient funding to meet the impervious surface restoration plan requirements of the (County's/City's) National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit; and

WHEREAS, the provisions of this law require that “a county or municipality may not file a financial assurance plan under this subsection until the local governing body of the county or municipality: (i) Holds a public hearing on the financial assurance plan; and (ii) Approves the financial assurance plan.”

NOW, THEREFORE, I certify that:

1. A public hearing was held on the financial assurance plan on December 5, 2024(Date);
2. The local governing body approves the aforementioned financial assurance plan; and
3. Under penalty of law, the information in this financial assurance plan is, to the best of my knowledge and belief, true, accurate, and complete.



Signature of County Executive/Municipal Mayor or Chief Financial Officer

12/16/2024
Date

Roberta J. Windham, Esq.

Printed Name of County Executive/Municipal Mayor or Chief Financial Officer

County Administrator

Title