

County Council of Howard County, Maryland

2023 Legislative Session

Legislative Day No. 8

Resolution No. 130-2023

Introduced by: The Chairperson at the request of the County Executive

A RESOLUTION approving a Financial Assurance Plan for Howard County's National Pollutant Discharge Elimination System, Municipal Separate Storm Sewer System permit programs, in accordance with Section 4-202.1 of the Environment Article of the Annotated Code of Maryland; and requiring certain copies be sent to the Maryland Department of the Environment.

Introduced and read first time July 5, 2023.

By order

Michelle Harrod
Michelle Harrod, Administrator

Read for a second time at a public hearing on July 17, 2023.

By order

Michelle Harrod
Michelle Harrod, Administrator

This Resolution was read the third time and was Adopted , Adopted with amendments , Failed , Withdrawn , by the County Council on July 31, 2023.

Certified By

Michelle Harrod
Michelle Harrod, Administrator

Approved by the County Executive on August 2, 2023.

Calvin Ball
Calvin Ball, County Executive

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; Strike-out indicates material deleted by amendment; Underlining indicates material added by amendment

1 **WHEREAS**, related to the Watershed Protection and Restoration Fee, Howard County is
2 required to file a Financial Assurance Plan (“Plan”), approved by the local governing body, with
3 the Maryland Department of the Environment (“MDE”), in accordance with § 4-202.1 of the
4 Environment Article of the Annotated Code of Maryland (the “State Law”); and
5

6 **WHEREAS**, the County has worked with MDE over the past several months to craft a Plan
7 that projects and describes actions and financial resources and costs related to stormwater
8 management in Howard County over the two-year period following the filing date of the Plan; and
9

10 **WHEREAS**, previous Plans have been approved by the passage of Council Resolution No.
11 182-2015, Council Resolution No. 92-2016, Council Resolution No. 45-2019, and Council
12 Resolution No. 41-2021; and
13

14 **WHEREAS**, the State law requires that the County file a Plan with MDE and that the
15 governing body of the County approve the Plan prior to filing with MDE.
16

17 **NOW, THEREFORE, BE IT RESOLVED** by the County Council of Howard County,
18 Maryland, this 31 day of July, 2023, that it hereby approves the
19 Plan, substantially in the form attached, as a projection of actions, funding, and costs of Howard
20 County’s stormwater management program over the two-year period following the filing date of
21 the Plan.
22

23 **AND BE IT FURTHER RESOLVED** that a copy of this Resolution and the Plan be
24 sent to the Maryland Department of the Environment, 1800 Washington Boulevard, Baltimore,
25 MD 21230.

Howard County Financial Assurance Plan for Fiscal Year 2022: Executive Summary

According to the Maryland Department of the Environment's (MDE's) 2018 *Guidance for Municipal Separate Storm Sewer System Permittees for Filing Financial Assurance Plans and Watershed Protection and Restoration Program Annual Reports*:

"In May 2015, revisions to the Annotated Code of Maryland, Section 4-202, regarding the Watershed Protection and Restoration Program (WPRP) were signed into law. Previously, the law required each National Pollutant Discharge Elimination System (NPDES) Phase I municipal separate storm sewer system (MS4) jurisdiction to establish a stormwater remediation fee. These revisions have since removed that requirement (although jurisdictions still have the option of implementing a stormwater fee). However, jurisdictions are still responsible for obtaining the necessary funds to ensure that all MS4 permit requirements are satisfied. To ensure that each jurisdiction will have adequate funding, a series of requirements were added to the WPRP."

Each NPDES Phase I MS4 jurisdiction must submit to MDE a Financial Assurance Plan (FAP) every two years on the anniversary date of its MS4 permit. To date, Howard County's FAPs have been submitted for fiscal years 2016, 2018, and 2020. This Executive Summary accompanies Howard County's FAP for fiscal year 2022.

According to Annotated Code of Maryland, Section 4-202, the FAP must detail the following:

- all actions required to meet MS4 permit requirements
- annual and projected 5-year costs necessary to meet the impervious surface restoration plan (ISRP) requirement
- annual and projected 5-year revenues that will be used toward meeting the ISRP requirement
- any and all sources of funds used toward meeting MS4 permit requirements
- all specific actions and expenditures undertaken in the previous fiscal years to meet the ISRP requirement

Howard County implemented its stormwater utility fee, the Watershed Protection and Restoration Fee (WPRF), on July 1, 2013. Since that time, the WPRF and other funding sources have been applied to meet MS4 permit requirements. Howard County's 2016, 2018, and 2020 FAPs reflect funding and spending related to the requirements of the County's fourth-generation MS4 permit issued on December 18, 2014. The 2022 FAP reflects funding and spending related to the requirements of the County's fifth-generation (current) MS4 permit issued on December 30, 2022.

The ISRP requirement of the fourth-generation permit mandated that, by December 17, 2019, the County implement restoration efforts for 20% of its total impervious surface area that had not already been restored to the maximum extent practicable (MEP). Per MDE guidance, all restoration projects implemented following June 10, 2010, were considered restoration that applied to the County's 20% ISRP requirement. In comments dated August 7, 2020, MDE acknowledged that Howard County's restoration requirement for the 2014-2019 permit term was 20% of its 11,019-acre baseline, or 2,204 acres. MDE also acknowledged that the County met its 20% ISRP requirement in March 2018 and exceeded its 20% ISRP requirement by completing additional impervious acres of restoration and "...is commended for this significant achievement."

The County's fourth-generation NPDES MS4 permit, which expired on December 17, 2019, was administratively continued through fiscal year 2022 and remained in effect until the fifth-generation permit was issued on December 30, 2022. The fifth-generation permit includes the ISRP requirement of continuing 559.4 acres of annual practices (street sweeping, inlet cleaning) and completing an additional 1,345 acres of new impervious surface restoration through December 29, 2027. Per MDE direction, any restoration credit for projects completed after the County met the ISRP requirement for the 2014-2019 permit term apply to the ISRP requirements in the current permit term. Therefore, this FAP (the fiscal year 2022 FAP) reflects completed actions through fiscal year 2022 and planned actions projected through fiscal year 2024 to meet the ISRP requirement of the currently effective fifth-generation NPDES MS4 permit.

The fiscal year 2022 FAP includes the following tables based on MDE's spreadsheet template provided to meet the requirements of the Annotated Code of Maryland, Section 4-202:

1. **MS4 Information:** Location, contact, and ISRP requirement information
 - a. This table lists the ISRP requirements:
 - i. Continued Annual Alternative ISR: 559.4 acres
 - ii. Required ISR New Permit (ac): 1,345 acres
 - iii. Total ISR (ac): 1,904 acres
2. **Completed Actions 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**
 - a. This table lists all of the Best Management Practices (BMPs) completed through fiscal year 2022 for continued annual alternative ISR (559.8 acres) and required new permit ISR (1,002 acres).
3. **All Actions 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**
 - a. This table lists the combination of continued annual alternative ISR (which are averaged over the permit term through fiscal year 27 at 573 acres) and required new permit ISR through fiscal year 2024 (436 acres). The total ISR projected at the end of fiscal year 2027 comes to 2,010 acres, which is 92 acres above the permit-required 1,904 acres of total ISR.
4. **ISRP Cost 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**
 - a. This table outlines the various operating and capital expenditures for BMPs completed in fiscal years 2019 through 2022 and projected to be completed through the end of the permit term from fiscal year 2023 through fiscal year 2027. Note that, due to the long-term life cycle of many BMPs from planning through construction completion, the costs listed are not all incurred in the fiscal year in which the costs are listed, but instead are the total of all costs associated with projects completed in each fiscal year. This table shows that debt service payments make up 11% of the total expenditures over the life of the current ISRP from fiscal year 2019 through fiscal year 2027. This table also shows that costs already incurred between fiscal years 2019 and 2022 are over half of the total expenditures projected for the ISRP through the end of fiscal year 2027.
5. **ISRP Revenue 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

- a. This table compares annual revenue appropriated for ISRP to annual costs toward ISRP and shows that the program is 100% funded through fiscal year 2024.
- 6. ISRP Revenue: Projected cumulative 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**
 - a. This table compares cumulative revenue appropriated for ISRP to cumulative costs toward ISRP and shows that the program is 107% funded through fiscal year 2024. This table was added by Howard County to provide a more appropriate view of appropriated and spent funds that is more consistent with the format of the Completed Actions and All Actions tables, which present the costs for BMPs as cumulative costs.
- 7. Fund Sources 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**
 - a. This table lists the funding sources supporting the MS4 program based on approved budgets for each fiscal year. Approximately 75% to 80% of the funds appropriated between fiscal years 2022 and 2024 go toward the ISRP.
- 8. Best Management Practice (BMP) Codes**
 - a. This table provides a list of BMP codes, descriptions, and classes used in the Completed Actions and All Actions tables. BMPs include tree planting, construction of new structural BMPs, retrofitting existing structural BMPs, construction of environmental site design (ESD) BMPs, street sweeping, inlet cleaning, septic system upgrades, septic pump-outs, septic connections to the sanitary sewer system, outfall stabilizations, and stream restoration, where appropriate.

It should be noted again that while funding sources included in the FAP are based on approved budgets for each fiscal year through 2024, the costs listed for individual BMPs are total costs for planning, design, property acquisition, and construction over the life of each project, which can span several fiscal years. Therefore, comparing and equating budgeted funding to the costs associated with individual BMPs completed each year is not appropriate. To remedy this, the additional ISRP Revenue table presents funding and costs cumulatively over the life of the ISRP.

Howard County continues to implement the numerous programs required by the MS4 permit and is on-track toward meeting the ISRP. Note that some BMPs projected to be complete in fiscal year 2024 may extend into later fiscal years. Also note that, even after meeting the ISRP, Howard County is required to implement additional restoration BMPs to meet the additional restoration requirements in MS4 Permit associated with local and Chesapeake Bay Total Maximum Daily Loads (TMDLs). These TMDLs require reductions in pollutants including nitrogen, phosphorus, sediment, bacteria, and polychlorinated biphenyl (PCB). In addition, Howard County remains responsible for and must maintain and repair existing BMPs for public safety and continued stormwater management. Most stormwater BMPs provide some level of pollutant removal and impervious surface restoration credit, and these credits are being tracked against the ISRP and TMDL requirements accordingly.

The County looks forward to continuing its successful water quality restoration program, continues to look for innovative ways to meet water quality restoration challenges, and strives to build partnerships with the community to improve local water quality and restore the Chesapeake Bay.

MS4 Information

Jurisdiction	Howard County
Contact Name	Mark S. Richmond
Phone	410-313-6413
Address	9801 Broken Land Parkway
City	Columbia
State	MD
Zip	21046
Email	msrichmond@howardcountymd.gov
Continued Annual Alternative ISR (ac)	559.4
Required ISR New Permit (ac)	1,345
Total ISR (ac)	1,904
Permit Num	21-DP-3318 MD0068322
Permit Period (FY)	July 1, 2021-June 30, 2022
Reporting FY	2022

Check with MDE Geodatabase:

Should match Permit info table of Geodatabase, except for ISR requirements for continuing alternative controls and additional- that should match permit language of E.1.b and E.3

Check with Permit Language:

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

Version 6-22-22

Completed Actions 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.

REST BMP ID	REST 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				559.40					
Operational Programs^{2,3}									
	MSS	A	7	320.64	57%	\$400,000	2020	COMPLETE	
	MSS	A	7	356.48	64%	\$400,000	2021	COMPLETE	
	MSS	A	7	356.48	64%	\$400,000	2022	COMPLETE	
	SDV	A	238	18.41	3%	\$75,000	2020	COMPLETE	
	SDV	A	2837	9.33	2%	\$75,000	2021	COMPLETE	
	SDV	A	800	17.36	3%	\$75,000	2022	COMPLETE	
	SEPP	A	468	14.50	1%	\$0	2020	COMPLETE	EIA using 2014 Accounting Guidance. Because the County operates under a comprehensive program, this is considered a permanent practice and credit is cumulative, not annual. The planning goal is to continue to achieve 140.3 EIA by the end of the current permit (Permit # 22-DP-3318) to maintain the sum of 2015-2019 septic pump-outs used towards the County's 20% Restoration Target (Permit # 11-DP-3318).
	SEPP	A	245	7.35	1%	\$0	2021	COMPLETE	
	SEPP	A	244	7.32	1%	\$0	2022	COMPLETE	
Subtotal Operations ⁴			4853	388.74	66%	\$1,425,000			
Capital Projects (Completed to Replace Annual Obligations)^{2,3}									
HO17ALN000069	STRE	A	1	17.65	3%	\$50,000	2018	COMPLETE	
HO18ALN000035	STRE	A	1	89.37	16%	\$694,682	2018	COMPLETE	
HO20ALN000155	STRE	A	1	50.82	9%	\$1,496,196	2020	COMPLETE	
HO21ALN000138	OUT	A	1	2.65	0%	\$200,000	2021	COMPLETE	
HO20ALN000161	STRE	A	1	10.57	2%	\$603,922	2022	COMPLETE	
Subtotal Capital			5	171.06	31%	\$3,044,800			
Other (Completed to Replace Annual Obligations)^{2,3}									
					0%				
					0%				
Subtotal Other			0	0	0%	\$0			
Total Continued Obligations from Previous Permit			4,858	559.80	100%	\$4,469,800			
Restoration for the New Permit				1345.00					
Operational Programs^{3,5}									
				0	0%				
					0%				
					0%				
					0%				
					0%				
					0%				
					0%				
					0%				
					0%				
Subtotal Operations ⁴			0	0	0%	\$0			
Capital Projects^{3,5}									
HO20RST109732	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109733	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109734	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109735	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109736	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109737	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109738	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109739	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109740	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109741	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109742	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109743	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109744	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109745	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109746	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109747	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109748	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109749	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20RST109750	MRNG	E	1	0.15	0%	\$0	2010	COMPLETE	
HO20APY100332	RFP	A	1	0.06	0%	\$0	2011	COMPLETE	
HO13APY000005	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000006	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000018	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000019	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000033	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000034	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000035	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000038	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000039	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000040	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000042	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000050	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO13APY000051	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000052	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000068	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000085	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000086	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000087	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000088	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000089	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000090	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000091	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000092	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000093	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000094	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000095	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000105	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000106	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000107	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000108	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000109	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000110	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000111	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000112	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000113	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000114	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000125	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000126	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000127	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000128	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000129	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000130	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000133	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000145	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000152	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000167	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000170	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000171	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000172	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000173	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000174	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000218	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000234	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000237	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000253	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000257	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000274	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
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HO13APY000281	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
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HO13APY000284	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000301	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000318	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000319	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000320	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000321	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000322	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000323	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000328	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000329	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000332	FPU	A	1	0.01	0%	\$60	2013	COMPLETE	
HO13APY000503	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000508	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000515	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000541	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000562	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
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HO13APY000664	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000677	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000678	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000686	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000687	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000688	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000708	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000825	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000829	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000833	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000847	UTC	A	1	0.0011	0%	\$60	2013	COMPLETE	
HO13APY000852	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000854	UTC	A	1	0.0011	0%	\$60	2013	COMPLETE	
HO13APY000857	UTC	A	1	0.0011	0%	\$60	2013	COMPLETE	
HO13APY000858	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000859	UTC	A	1	0.003	0%	\$60	2013	COMPLETE	
HO13APY000860	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000865	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO13APY000866	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO13APY000868	UTC	A	1	0.001	0%	\$60	2013	COMPLETE	
HO19RST108440	PWED	S	1	16.30	1%	\$0	2013	COMPLETE	
HO20APY100333	RFP	A	1	0.64	0%	\$0	2013	COMPLETE	
HO14APY000371	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000387	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000416	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000457	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000468	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000536	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000577	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000578	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000579	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000646	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000647	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000648	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000649	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000657	UTC	A	1	0.001	0%	\$60	2014	COMPLETE	
HO14APY000676	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000682	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000683	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000695	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000726	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000802	UTC	A	1	0.001	0%	\$60	2014	COMPLETE	
HO14APY000882	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000885	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000886	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000887	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY000908	UTC	A	1	0.003	0%	\$60	2014	COMPLETE	
HO14APY002296	UTC	A	1	0.01	0%	\$600	2014	COMPLETE	
HO14APY002299	UTC	A	1	0.03	0%	\$660	2014	COMPLETE	
HO14APY002513	RFP	A	1	0.08	0%	\$240	2014	COMPLETE	
HO14APY002517	UTC	A	1	0.01	0%	\$440	2014	COMPLETE	
HO14APY002527	RFP	A	1	0.43	0%	\$1,500	2014	COMPLETE	
HO14APY002529	FPU	A	1	0.03	0%	\$400	2014	COMPLETE	
HO20RST109752	FBIO	S	1	0.001	0%	\$0	2014	COMPLETE	
HO15APY000974	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY000975	UTC	A	1	0.003	0%	\$58	2015	COMPLETE	
HO15APY000976	UTC	A	1	0.003	0%	\$58	2015	COMPLETE	
HO15APY000977	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY000991	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY000995	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY000996	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001007	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001021	UTC	A	1	0.003	0%	\$58	2015	COMPLETE	
HO15APY001022	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001023	UTC	A	1	0.003	0%	\$68	2015	COMPLETE	
HO15APY001024	UTC	A	1	0.003	0%	\$68	2015	COMPLETE	
HO15APY001026	UTC	A	1	0.001	0%	\$60	2015	COMPLETE	
HO15APY001029	UTC	A	1	0.001	0%	\$53	2015	COMPLETE	
HO15APY001030	UTC	A	1	0.001	0%	\$53	2015	COMPLETE	
HO15APY001042	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001045	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001073	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001074	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001075	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001076	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001077	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001078	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001079	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001080	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001081	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001082	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001087	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001088	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001089	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001090	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001091	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001092	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001093	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001094	RFP	A	1	0.02	0%	\$68	2015	COMPLETE	
HO15APY001095	RFP	A	1	0.02	0%	\$60	2015	COMPLETE	
HO15APY001096	RFP	A	1	0.02	0%	\$60	2015	COMPLETE	
HO15APY001097	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001098	FPU	A	1	0.01	0%	\$58	2015	COMPLETE	
HO15APY001099	FPU	A	1	0.01	0%	\$68	2015	COMPLETE	
HO15APY001100	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001101	UTC	A	1	0.003	0%	\$58	2015	COMPLETE	
HO15APY001102	UTC	A	1	0.003	0%	\$68	2015	COMPLETE	
HO15APY001103	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001112	UTC	A	1	0.003	0%	\$68	2015	COMPLETE	
HO15APY001113	UTC	A	1	0.003	0%	\$68	2015	COMPLETE	
HO15APY001114	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001115	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001116	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001127	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO15APY001128	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001129	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001130	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001131	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001132	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001133	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001134	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001135	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001136	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001137	FPU	A	1	0.01	0%	\$68	2015	COMPLETE	
HO15APY001138	FPU	A	1	0.01	0%	\$68	2015	COMPLETE	
HO15APY001139	FPU	A	1	0.01	0%	\$68	2015	COMPLETE	
HO15APY001140	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001141	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001142	FPU	A	1	0.01	0%	\$68	2015	COMPLETE	
HO15APY001143	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001144	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001145	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001146	FPU	A	1	0.01	0%	\$60	2015	COMPLETE	
HO15APY001147	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001148	UTC	A	1	0.003	0%	\$68	2015	COMPLETE	
HO15APY001157	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001158	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001159	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001160	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001161	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001164	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001165	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001166	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001167	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001211	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001216	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001242	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001243	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001244	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001245	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001249	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001250	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001253	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001267	UTC	A	1	0.003	0%	\$58	2015	COMPLETE	
HO15APY001268	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001269	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001270	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001271	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001272	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001273	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001274	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001301	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001302	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001303	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001304	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001305	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001306	UTC	A	1	0.001	0%	\$60	2015	COMPLETE	
HO15APY001307	UTC	A	1	0.001	0%	\$60	2015	COMPLETE	
HO15APY001308	UTC	A	1	0.001	0%	\$60	2015	COMPLETE	
HO15APY001309	UTC	A	1	0.001	0%	\$60	2015	COMPLETE	
HO15APY001310	UTC	A	1	0.001	0%	\$60	2015	COMPLETE	
HO15APY001312	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001313	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001322	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001329	UTC	A	1	0.003	0%	\$60	2015	COMPLETE	
HO15APY001330	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001331	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15APY001332	UTC	A	1	0.003	0%	\$53	2015	COMPLETE	
HO15RST900314	FBIO	S	1	0.22	0%	\$100,000	2015	COMPLETE	
HO17RST900345	PWET	S	1	2.94	0%	\$1,159,787	2018	COMPLETE	
HO18APY100037	FPU	A	1	0.83	0%	\$7,860	2018	COMPLETE	
HO18APY100038	UTC	A	1	0.20	0%	\$3,075	2018	COMPLETE	
HO18APY100039	RFP	A	1	1.05	0%	\$3,720	2018	COMPLETE	
HO18APY100040	UTC	A	1	0.21	0%	\$9,188	2018	COMPLETE	
HO18APY100045	UTC	A	1	0.14	0%	\$3,938	2018	COMPLETE	
HO18APY100048	RFP	A	1	0.75	0%	\$4,555	2018	COMPLETE	
HO18APY100049	FPU	A	1	0.28	0%	\$3,075	2018	COMPLETE	
HO18RST102187	PWET	S	1	7.30	1%	\$152,980	2018	COMPLETE	
HO18RST902090	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO18RST902094	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO18RST902160	SPSC	A	1	10.55	1%	\$100,000	2018	COMPLETE	
HO18RST902161	MRNG	E	1	0.02	0%	\$3,500	2018	COMPLETE	
HO18RST902162	MRNG	E	1	0.01	0%	\$2,400	2018	COMPLETE	
HO18RST902163	MRNG	E	1	0.22	0%	\$22,100	2018	COMPLETE	
HO18RST902757	FBIO	S	1	0.27	0%	\$0	2018	COMPLETE	
HO19APY100163	RFP	A	1	0.30	0%	\$0	2018	COMPLETE	
HO19APY100166	RFP	A	1	0.15	0%	\$500	2018	COMPLETE	
HO19APY100167	RFP	A	1	1.16	0%	\$0	2018	COMPLETE	
HO19APY100168	FPU	A	1	1.69	0%	\$1,200	2018	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO19RST902021	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902022	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902024	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902032	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902033	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902036	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902051	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902057	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902068	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902070	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902071	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902073	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902079	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902083	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902108	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902125	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902133	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902140	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902146	MRNG	E	1	0.20	0%	\$0	2018	COMPLETE	
HO19RST902295	MRNG	E	1	0.03	0%	\$4,700	2018	COMPLETE	
HO19RST902296	MRNG	E	1	0.09	0%	\$4,800	2018	COMPLETE	
HO19RST902297	MRNG	E	1	0.05	0%	\$12,200	2018	COMPLETE	
HO19RST902298	MRNG	E	1	0.04	0%	\$6,200	2018	COMPLETE	
HO19RST902300	MRNG	E	1	0.17	0%	\$16,000	2018	COMPLETE	
HO19RST902301	MIBR	E	1	0.18	0%	\$8,000	2018	COMPLETE	
HO19RST902302	MRNG	E	1	0.14	0%	\$12,000	2018	COMPLETE	
HO19RST902303	MRNG	E	1	0.02	0%	\$6,300	2018	COMPLETE	
HO19RST902307	MRNG	E	1	0.02	0%	\$6,875	2018	COMPLETE	
HO19RST902762	MIDW	E	1	0.20	0%	\$6,125	2018	COMPLETE	
HO21APY103470	IMPP	A	1	0.004	0%	\$450	2018	COMPLETE	
HO21APY103471	IMPP	A	1	0.004	0%	\$666	2018	COMPLETE	
HO21RST903035	MRNG	E	1	0.03	0%	\$497	2018	COMPLETE	
HO21RST903099	MRNG	E	1	0.02	0%	\$1,200	2018	COMPLETE	
HO21RST903102	MRNG	E	1	0.02	0%	\$1,200	2018	COMPLETE	
HO21RST903105	MRNG	E	1	0.01	0%	\$398	2018	COMPLETE	
HO21RST903106	MRNG	E	1	0.03	0%	\$1,200	2018	COMPLETE	
HO21RST903107	MRNG	E	1	0.02	0%	\$497	2018	COMPLETE	
HO21RST903108	MRNG	E	1	0.03	0%	\$394	2018	COMPLETE	
HO21RST903109	MRNG	E	1	0.05	0%	\$394	2018	COMPLETE	
HO21RST903110	MRNG	E	1	0.01	0%	\$504	2018	COMPLETE	
HO21RST903111	MRNG	E	1	0.03	0%	\$1,200	2018	COMPLETE	
HO21RST903112	MRNG	E	1	0.01	0%	\$394	2018	COMPLETE	
HO21RST903113	MRNG	E	1	0.03	0%	\$394	2018	COMPLETE	
HO21RST903114	MRNG	E	1	0.03	0%	\$564	2018	COMPLETE	
HO21RST903115	MRNG	E	1	0.01	0%	\$394	2018	COMPLETE	
HO21RST903116	MRNG	E	1	0.04	0%	\$1,200	2018	COMPLETE	
HO21RST903117	MRNG	E	1	0.01	0%	\$1,200	2018	COMPLETE	
HO21RST903118	MRNG	E	1	0.03	0%	\$394	2018	COMPLETE	
HO21RST903119	MRNG	E	1	0.02	0%	\$394	2018	COMPLETE	
HO21RST903120	MRNG	E	1	0.03	0%	\$497	2018	COMPLETE	
HO21RST903121	MRNG	E	1	0.03	0%	\$494	2018	COMPLETE	
HO21RST903122	MRNG	E	1	0.02	0%	\$666	2018	COMPLETE	
HO21RST903125	MRNG	E	1	0.02	0%	\$394	2018	COMPLETE	
HO21RST903134	MRNG	E	1	0.03	0%	\$863	2018	COMPLETE	
HO21RST903135	MRNG	E	1	0.01	0%	\$0	2018	COMPLETE	
HO21RST903227	MRNG	E	1	0.04	0%	\$0	2018	COMPLETE	
HO21RST903230	MRNG	E	1	0.03	0%	\$0	2018	COMPLETE	
HO21RST903231	MRNG	E	1	0.02	0%	\$0	2018	COMPLETE	
HO21RST903232	MRNG	E	1	0.04	0%	\$0	2018	COMPLETE	
HO21RST903233	MRNG	E	1	0.03	0%	\$0	2018	COMPLETE	
HO21RST903234	MRNG	E	1	0.09	0%	\$0	2018	COMPLETE	
HO21RST903235	MRNG	E	1	0.06	0%	\$0	2018	COMPLETE	
HO21RST903236	MRNG	E	1	0.05	0%	\$0	2018	COMPLETE	
HO21RST903237	MRNG	E	1	0.06	0%	\$0	2018	COMPLETE	
HO21RST903238	MRNG	E	1	0.01	0%	\$0	2018	COMPLETE	
HO21RST903239	MRNG	E	1	0.03	0%	\$0	2018	COMPLETE	
HO21RST903240	MRNG	E	1	0.02	0%	\$0	2018	COMPLETE	
HO21RST903241	MRNG	E	1	0.03	0%	\$0	2018	COMPLETE	
HO22RST903334	MSWG	E	1	0.17	0%	\$0	2018	COMPLETE	
HO22RST903335	MIBR	E	1	0.17	0%	\$0	2018	COMPLETE	
HO03RST900354	FBIO	S	1	2.80	0%	\$0	2019	COMPLETE	
HO18ALN000096	STRE	A	1	8.20	1%	\$696,694	2019	COMPLETE	
HO18ALN000149	STRE	A	1	130.64	10%	\$4,779,000	2019	COMPLETE	
HO18RST901548	PWED	S	1	7.47	1%	\$738,635	2019	COMPLETE	
HO19ALN000169	STRE	A	1	28.83	2%	\$1,041,573	2019	COMPLETE	
HO19APY100164	RFP	A	1	3.14	0%	\$7,730	2019	COMPLETE	
HO19APY100169	RFP	A	1	0.15	0%	\$1,278	2019	COMPLETE	
HO19APY100170	RFP	A	1	0.25	0%	\$1,813	2019	COMPLETE	
HO19APY100171	RFP	A	1	0.29	0%	\$1,822	2019	COMPLETE	
HO19APY100172	RFP	A	1	0.24	0%	\$2,482	2019	COMPLETE	
HO19APY100173	RFP	A	1	0.20	0%	\$2,365	2019	COMPLETE	
HO19APY100174	RFP	A	1	0.21	0%	\$1,920	2019	COMPLETE	
HO19APY100175	FPU	A	1	0.01	0%	\$379	2019	COMPLETE	
HO19APY100176	RFP	A	1	0.52	0%	\$4,502	2019	COMPLETE	
HO19APY100177	UTC	A	1	0.02	0%	\$2,203	2019	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO19APY100178	FPU	A	1	0.20	0%	\$417	2019	COMPLETE	
HO19APY100179	RFP	A	1	0.24	0%	\$1,633	2019	COMPLETE	
HO19APY100180	FPU	A	1	0.06	0%	\$676	2019	COMPLETE	
HO19APY100181	UTC	A	1	0.12	0%	\$5,359	2019	COMPLETE	
HO19APY100182	FPU	A	1	0.29	0%	\$3,227	2019	COMPLETE	
HO19APY100183	RFP	A	1	1.22	0%	\$11,335	2019	COMPLETE	
HO19APY100184	RFP	A	1	0.44	0%	\$3,330	2019	COMPLETE	
HO19APY100185	UTC	A	1	0.07	0%	\$2,923	2019	COMPLETE	
HO19APY100186	FPU	A	1	0.28	0%	\$2,927	2019	COMPLETE	
HO19APY100187	FPU	A	1	0.45	0%	\$2,207	2019	COMPLETE	
HO19APY100188	UTC	A	1	0.09	0%	\$2,225	2019	COMPLETE	
HO19APY100189	FPU	A	1	1.35	0%	\$16,294	2019	COMPLETE	
HO19APY100190	UTC	A	1	0.20	0%	\$10,699	2019	COMPLETE	
HO19APY100191	FPU	A	1	0.24	0%	\$2,522	2019	COMPLETE	
HO19APY100192	RFP	A	1	0.60	0%	\$6,958	2019	COMPLETE	
HO19APY100193	RFP	A	1	0.36	0%	\$2,954	2019	COMPLETE	
HO19APY100194	RFP	A	1	0.54	0%	\$3,492	2019	COMPLETE	
HO19APY100195	RFP	A	1	0.65	0%	\$2,954	2019	COMPLETE	
HO19APY100196	RFP	A	1	0.86	0%	\$8,428	2019	COMPLETE	
HO19APY100197	RFP	A	1	1.05	0%	\$11,303	2019	COMPLETE	
HO19APY100198	UTC	A	1	0.07	0%	\$3,005	2019	COMPLETE	
HO19APY100199	RFP	A	1	0.23	0%	\$2,542	2019	COMPLETE	
HO19APY100200	RFP	A	1	0.78	0%	\$2,848	2019	COMPLETE	
HO19APY100201	UTC	A	1	0.20	0%	\$4,745	2019	COMPLETE	
HO19APY100202	RFP	A	1	0.80	0%	\$4,562	2019	COMPLETE	
HO19APY100203	UTC	A	1	0.11	0%	\$6,394	2019	COMPLETE	
HO19APY100204	UTC	A	1	0.19	0%	\$6,122	2019	COMPLETE	
HO19APY100205	FPU	A	1	0.26	0%	\$2,912	2019	COMPLETE	
HO19APY100206	UTC	A	1	0.06	0%	\$2,845	2019	COMPLETE	
HO19APY100207	FPU	A	1	0.39	0%	\$3,891	2019	COMPLETE	
HO19APY100208	RFP	A	1	6.00	0%	\$6,958	2019	COMPLETE	
HO19RST900349	WSHW	S	1	4.88	0%	\$862,459	2019	COMPLETE	
HO19RST901524	PWET	S	1	2.25	0%	\$746,735	2019	COMPLETE	
HO19RST901545	PWET	S	1	4.17	0%	\$1,295,021	2019	COMPLETE	
HO19RST901948	MSWB	E	1	0.07	0%	\$0	2019	COMPLETE	
HO19RST901949	MIDW	E	1	0.03	0%	\$0	2019	COMPLETE	
HO19RST901950	MIDW	E	1	0.03	0%	\$0	2019	COMPLETE	
HO19RST901951	MIDW	E	1	0.02	0%	\$0	2019	COMPLETE	
HO20APY100329	RFP	A	1	0.32	0%	\$0	2019	COMPLETE	
HO20APY100336	RFP	A	1	0.13	0%	\$0	2019	COMPLETE	
HO20APY100337	UTC	A	1	0.004	0%	\$0	2019	COMPLETE	
HO20APY100338	RFP	A	1	1.30	0%	\$0	2019	COMPLETE	
HO20APY100341	RFP	A	1	0.04	0%	\$0	2019	COMPLETE	
HO20APY100342	RFP	A	1	0.17	0%	\$0	2019	COMPLETE	
HO20APY100343	RFP	A	1	0.10	0%	\$0	2019	COMPLETE	
HO20APY100344	RFP	A	1	0.65	0%	\$0	2019	COMPLETE	
HO20APY100346	UTC	A	1	0.15	0%	\$0	2019	COMPLETE	
HO20APY100347	RFP	A	1	1.86	0%	\$0	2019	COMPLETE	
HO20APY100348	UTC	A	1	0.16	0%	\$0	2019	COMPLETE	
HO20APY100349	FPU	A	1	0.28	0%	\$0	2019	COMPLETE	
HO20APY100350	UTC	A	1	0.31	0%	\$0	2019	COMPLETE	
HO20APY100351	RFP	A	1	0.50	0%	\$0	2019	COMPLETE	
HO20APY100352	UTC	A	1	0.07	0%	\$0	2019	COMPLETE	
HO20APY100353	UTC	A	1	0.39	0%	\$0	2019	COMPLETE	
HO20APY100354	RFP	A	1	0.38	0%	\$0	2019	COMPLETE	
HO20APY100355	FPU	A	1	0.32	0%	\$0	2019	COMPLETE	
HO20APY100602	FPU	A	1	0.01	0%	\$458	2019	COMPLETE	
HO20APY100603	FPU	A	1	0.05	0%	\$1,030	2019	COMPLETE	
HO20APY100604	FPU	A	1	0.03	0%	\$2,822	2019	COMPLETE	
HO20APY100605	FPU	A	1	0.02	0%	\$1,145	2019	COMPLETE	
HO20APY100606	FPU	A	1	0.01	0%	\$801	2019	COMPLETE	
HO20APY100621	CLTM	A	1	0.04	0%	\$8,621	2019	COMPLETE	
HO20APY100622	CLTM	A	1	0.03	0%	\$7,245	2019	COMPLETE	
HO20RST109715	MMBR	E	1	0.19	0%	\$0	2019	COMPLETE	
HO20RST109717	MRNG	E	1	0.03	0%	\$5,038	2019	COMPLETE	
HO20RST109720	MRNG	E	1	0.07	0%	\$8,262	2019	COMPLETE	
HO20RST109721	MRNG	E	1	0.03	0%	\$7,745	2019	COMPLETE	
HO20RST109722	CL	E	1	0.02	0%	\$7,245	2019	COMPLETE	
HO20RST109724	MRNG	E	1	0.08	0%	\$9,124	2019	COMPLETE	
HO20RST109725	CL	E	1	0.03	0%	\$8,621	2019	COMPLETE	
HO20RST109757	MMBR	E	1	0.20	0%	\$0	2019	COMPLETE	
HO20RST109758	MMBR	E	1	0.02	0%	\$0	2019	COMPLETE	
HO20RST109759	MSWB	E	1	0.25	0%	\$0	2019	COMPLETE	
HO21APY100607	IMPP	A	1	0.06	0%	\$0	2019	COMPLETE	
HO21APY100608	IMPP	A	1	0.07	0%	\$0	2019	COMPLETE	
HO21APY103475	FPU	A	1	0.01	0%	\$1,575	2019	COMPLETE	
HO21RST903123	MRNG	E	1	0.05	0%	\$1,200	2019	COMPLETE	
HO21RST903124	MRNG	E	1	0.15	0%	\$1,200	2019	COMPLETE	
HO21RST903126	MRNG	E	1	0.02	0%	\$344	2019	COMPLETE	
HO21RST903128	MRNG	E	1	0.03	0%	\$640	2019	COMPLETE	
HO21RST903130	OTH	E	1	0.06	0%	\$520	2019	COMPLETE	
HO21RST903131	MRNG	E	1	0.04	0%	\$1,080	2019	COMPLETE	
HO21RST903133	MRNG	E	1	0.02	0%	\$497	2019	COMPLETE	
HO21RST903136	MRNG	E	1	0.02	0%	\$1,200	2019	COMPLETE	
HO21RST903138	MRNG	E	1	0.02	0%	\$2,550	2019	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO21RST903140	MRNG	E	1	0.04	0%	\$4,050	2019	COMPLETE	
HO21RST903141	MRNG	E	1	0.01	0%	\$2,213	2019	COMPLETE	
HO21RST903145	MRNG	E	1	0.01	0%	\$1,236	2019	COMPLETE	
HO21RST903164	MRNG	E	1	0.03	0%	\$1,108	2019	COMPLETE	
HO21RST903165	MRNG	E	1	0.01	0%	\$0	2019	COMPLETE	
HO21RST903242	MRNG	E	1	0.03	0%	\$0	2019	COMPLETE	
HO21RST903243	MRNG	E	1	0.04	0%	\$0	2019	COMPLETE	
HO21RST903244	MRNG	E	1	0.04	0%	\$0	2019	COMPLETE	
HO21RST903245	MRNG	E	1	0.03	0%	\$0	2019	COMPLETE	
HO21RST903246	MRNG	E	1	0.04	0%	\$0	2019	COMPLETE	
HO21RST903247	MRNG	E	1	0.01	0%	\$0	2019	COMPLETE	
HO21RST903248	MRNG	E	1	0.02	0%	\$0	2019	COMPLETE	
HO21RST903249	MRNG	E	1	0.02	0%	\$0	2019	COMPLETE	
HO21RST903250	MRNG	E	1	0.03	0%	\$0	2019	COMPLETE	
HO21RST903251	MRNG	E	1	0.03	0%	\$0	2019	COMPLETE	
HO22RST903321	FBIO	S	1	0.13	0%	\$0	2019	COMPLETE	
HO22RST903326	APRP	E	1	0.03	0%	\$0	2019	COMPLETE	
HO22RST903327	APRP	E	1	0.02	0%	\$0	2019	COMPLETE	
HO22RST903328	APRP	E	1	0.03	0%	\$0	2019	COMPLETE	
HO22RST903329	MMBR	E	1	0.06	0%	\$0	2019	COMPLETE	
HO22RST903330	MMBR	E	1	0.03	0%	\$0	2019	COMPLETE	
HO22RST903331	MMBR	E	1	0.03	0%	\$0	2019	COMPLETE	
HO22RST903332	MMBR	E	1	0.02	0%	\$0	2019	COMPLETE	
HO18ALN000092	STRE	A	1	80.06	6%	\$2,445,033	2020	COMPLETE	
HO18ALN000093	STRE	A	1	64.49	5%	\$987,755	2020	COMPLETE	
HO19ALN000130	STRE	A	1	0.19	0%	\$50,000	2020	COMPLETE	
HO19RST901945	MSGW	E	1	4.03	0%	\$65,200	2020	COMPLETE	
HO19RST901957	FBIO	E	1	0.15	0%	\$0	2020	COMPLETE	
HO19RST901959	FBIO	E	1	0.17	0%	\$0	2020	COMPLETE	
HO19RST901960	FBIO	E	1	0.26	0%	\$0	2020	COMPLETE	
HO19RST901961	FBIO	E	1	0.25	0%	\$0	2020	COMPLETE	
HO19RST901962	FBIO	E	1	0.21	0%	\$0	2020	COMPLETE	
HO19RST901963	FBIO	E	1	0.14	0%	\$0	2020	COMPLETE	
HO19RST901964	FBIO	E	1	0.25	0%	\$0	2020	COMPLETE	
HO19RST901965	FBIO	E	1	0.32	0%	\$0	2020	COMPLETE	
HO19RST901966	FBIO	E	1	0.18	0%	\$0	2020	COMPLETE	
HO19RST901967	FBIO	E	1	0.25	0%	\$0	2020	COMPLETE	
HO19RST901968	FBIO	E	1	0.27	0%	\$0	2020	COMPLETE	
HO19RST901969	FBIO	E	1	0.28	0%	\$0	2020	COMPLETE	
HO19RST901970	FBIO	E	1	0.12	0%	\$0	2020	COMPLETE	
HO19RST901971	FBIO	E	1	0.23	0%	\$0	2020	COMPLETE	
HO19RST901972	FBIO	E	1	0.19	0%	\$0	2020	COMPLETE	
HO20ALN000102	STRE	A	1	274.53	20%	\$3,950,296	2020	COMPLETE	
HO20ALN000163	STRE	A	1	4.99	0%	\$1,979,072	2020	COMPLETE	
HO20APY100339	RFP	A	1	0.20	0%	\$0	2020	COMPLETE	
HO20APY100340	RFP	A	1	0.08	0%	\$0	2020	COMPLETE	
HO20APY100345	UTC	A	1	0.19	0%	\$0	2020	COMPLETE	
HO20APY100356	FPU	A	1	0.45	0%	\$0	2020	COMPLETE	
HO20RST109728	FUND	S	1	0.57	0%	\$0	2020	COMPLETE	
HO20RST109729	FUND	S	1	0.57	0%	\$0	2020	COMPLETE	
HO20RST109731	XDED	S	1	4.22	0%	\$0	2020	COMPLETE	
HO20RST109863	PMED	S	1	4.64	0%	\$500,000	2020	COMPLETE	
HO20RST902443	FBIO	S	1	0.06	0%	\$0	2020	COMPLETE	
HO21ALN000137	STRE	A	1	26.19	2%	\$1,104,376	2020	COMPLETE	
HO21APY100609	IMPP	A	1	0.06	0%	\$0	2020	COMPLETE	
HO21APY102393	FPU	A	1	1.33	0%	\$0	2020	COMPLETE	
HO21APY102394	FPU	A	1	0.48	0%	\$0	2020	COMPLETE	
HO21APY102395	FPU	A	1	0.18	0%	\$0	2020	COMPLETE	
HO21APY102396	FPU	A	1	0.58	0%	\$0	2020	COMPLETE	
HO21APY102397	FPU	A	1	0.42	0%	\$0	2020	COMPLETE	
HO21APY102398	FPU	A	1	0.40	0%	\$0	2020	COMPLETE	
HO21APY102399	FPU	A	1	0.04	0%	\$0	2020	COMPLETE	
HO21APY102400	FPU	A	1	0.90	0%	\$0	2020	COMPLETE	
HO21APY102401	FPU	A	1	1.05	0%	\$0	2020	COMPLETE	
HO21APY102402	FPU	A	1	0.12	0%	\$0	2020	COMPLETE	
HO21APY102403	FPU	A	1	0.08	0%	\$0	2020	COMPLETE	
HO21APY102404	FPU	A	1	0.46	0%	\$0	2020	COMPLETE	
HO21APY102405	FPU	A	1	0.60	0%	\$0	2020	COMPLETE	
HO21APY102406	FPU	A	1	0.83	0%	\$0	2020	COMPLETE	
HO21APY102407	FPU	A	1	0.27	0%	\$0	2020	COMPLETE	
HO21APY102408	FPU	A	1	0.05	0%	\$0	2020	COMPLETE	
HO21APY102409	FPU	A	1	0.10	0%	\$0	2020	COMPLETE	
HO21APY102410	FPU	A	1	0.95	0%	\$0	2020	COMPLETE	
HO21APY102411	FPU	A	1	1.68	0%	\$0	2020	COMPLETE	
HO21APY102412	FPU	A	1	0.04	0%	\$0	2020	COMPLETE	
HO21APY103473	FPU	A	1	0.61	0%	\$2,270	2020	COMPLETE	
HO21APY103474	FPU	A	1	1.79	0%	\$4,030	2020	COMPLETE	
HO21APY103476	FPU	A	1	0.01	0%	\$1,649	2020	COMPLETE	
HO21APY103477	FPU	A	1	0.004	0%	\$3,190	2020	COMPLETE	
HO21APY103478	FPU	A	1	0.03	0%	\$2,270	2020	COMPLETE	
HO21APY103479	FPU	A	1	2.32	0%	\$4,030	2020	COMPLETE	
HO21APY103480	FPU	A	1	0.02	0%	\$350	2020	COMPLETE	
HO21RST902777	MMBR	E	1	0.20	0%	\$0	2020	COMPLETE	
HO21RST902779	MMBR	E	1	0.20	0%	\$0	2020	COMPLETE	
HO21RST902780	FBIO	S	1	0.43	0%	\$0	2020	COMPLETE	

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HO21RST902781	APRP	E	1	0.20	0%	\$0	2020	COMPLETE	
HO21RST902782	CL	E	1	0.02	0%	\$350	2020	COMPLETE	
HO21RST902783	CL	E	1	0.02	0%	\$1,000	2020	COMPLETE	
HO21RST902784	CL	E	1	0.02	0%	\$1,000	2020	COMPLETE	
HO21RST902785	CL	E	1	0.02	0%	\$1,000	2020	COMPLETE	
HO21RST902786	CL	E	1	0.24	0%	\$7,920	2020	COMPLETE	
HO21RST902787	CL	E	1	0.38	0%	\$2,640	2020	COMPLETE	
HO21RST902788	MRNG	E	1	0.06	0%	\$7,739	2020	COMPLETE	
HO21RST902792	CL	E	1	0.09	0%	\$6,100	2020	COMPLETE	
HO21RST902793	CL	E	1	0.01	0%	\$2,500	2020	COMPLETE	
HO21RST902794	CL	E	1	0.01	0%	\$2,700	2020	COMPLETE	
HO21RST903139	APRP	E	1	0.02	0%	\$5,000	2020	COMPLETE	
HO21RST903142	MRNG	E	1	0.02	0%	\$1,755	2020	COMPLETE	
HO21RST903143	APRP	E	1	0.04	0%	\$5,000	2020	COMPLETE	
HO21RST903144	MRNG	E	1	0.02	0%	\$1,146	2020	COMPLETE	
HO21RST903146	MRNG	E	1	0.03	0%	\$1,620	2020	COMPLETE	
HO21RST903148	OTH	E	1	0.06	0%	\$3,000	2020	COMPLETE	
HO21RST903149	OTH	E	1	0.06	0%	\$1,209	2020	COMPLETE	
HO21RST903150	OTH	E	1	0.06	0%	\$2,580	2020	COMPLETE	
HO21RST903151	MRNG	E	1	0.04	0%	\$2,213	2020	COMPLETE	
HO21RST903152	MRNG	E	1	0.02	0%	\$2,160	2020	COMPLETE	
HO21RST903153	APRP	E	1	0.01	0%	\$5,000	2020	COMPLETE	
HO21RST903252	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO21RST903253	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO21RST903254	MRNG	E	1	0.06	0%	\$0	2020	COMPLETE	
HO21RST903255	MRNG	E	1	0.03	0%	\$0	2020	COMPLETE	
HO21RST903256	MRNG	E	1	0.07	0%	\$0	2020	COMPLETE	
HO21RST903257	MRNG	E	1	0.01	0%	\$0	2020	COMPLETE	
HO21RST903258	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO21RST903259	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO21RST903260	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO21RST903261	MRNG	E	1	0.06	0%	\$0	2020	COMPLETE	
HO21RST903262	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO21RST903263	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO21RST903264	MRNG	E	1	0.05	0%	\$0	2020	COMPLETE	
HO21RST903265	MRNG	E	1	0.02	0%	\$0	2020	COMPLETE	
HO22RST903298	FBIO	S	1	0.08	0%	\$0	2020	COMPLETE	
HO22RST903299	FBIO	S	1	0.12	0%	\$0	2020	COMPLETE	
HO22RST903300	MMBR	E	1	0.03	0%	\$0	2020	COMPLETE	
HO22RST903301	FBIO	S	1	0.18	0%	\$0	2020	COMPLETE	
HO22RST903302	FBIO	S	1	0.17	0%	\$0	2020	COMPLETE	
HO22RST903303	FBIO	S	1	0.04	0%	\$0	2020	COMPLETE	
HO22RST903304	FBIO	S	1	0.05	0%	\$0	2020	COMPLETE	
HO22RST903305	APRP	E	1	0.08	0%	\$0	2020	COMPLETE	
HO22RST903306	APRP	E	1	0.06	0%	\$0	2020	COMPLETE	
HO22RST903322	MMBR	E	1	0.47	0%	\$0	2020	COMPLETE	
HO22RST903323	MMBR	E	1	0.50	0%	\$0	2020	COMPLETE	
HO22RST903324	MMBR	E	1	0.63	0%	\$0	2020	COMPLETE	
HO22RST903325	MMBR	E	1	0.22	0%	\$0	2020	COMPLETE	
HO22RST903333	FBIO	S	1	0.24	0%	\$0	2020	COMPLETE	
HO22RST903337	MMBR	E	1	0.09	0%	\$0	2020	COMPLETE	
HO22RST903338	MMBR	E	1	1.55	0%	\$0	2020	COMPLETE	
HO20ALN000140	STRE	A	1	9.91	1%	\$659,913	2021	COMPLETE	
HO21ALN000186	STRE	A	1	2.92	0%	\$225,000	2021	COMPLETE	
HO21APY100610	IMPP	A	1	0.07	0%	\$588,373	2021	COMPLETE	
HO21APY100611	IMPP	A	1	0.10	0%	\$0	2021	COMPLETE	
HO21APY100619	IMPP	A	1	0.03	0%	\$0	2021	COMPLETE	
HO21APY103472	IMPP	A	1	0.004	0%	\$375	2021	COMPLETE	
HO21RST901527	PWET	S	1	16.85	1%	\$1,164,747	2021	COMPLETE	
HO21RST902789	CL	E	1	0.15	0%	\$5,760	2021	COMPLETE	
HO21RST902790	CL	E	1	0.14	0%	\$8,890	2021	COMPLETE	
HO21RST903154	MRNG	E	1	0.07	0%	\$2,640	2021	COMPLETE	
HO21RST903155	OTH	E	1	0.06	0%	\$3,000	2021	COMPLETE	
HO21RST903156	MRNG	E	1	0.03	0%	\$1,875	2021	COMPLETE	
HO21RST903157	OTH	E	1	0.06	0%	\$3,000	2021	COMPLETE	
HO21RST903158	OTH	E	1	0.06	0%	\$2,365	2021	COMPLETE	
HO21RST903159	MRNG	E	1	0.01	0%	\$1,500	2021	COMPLETE	
HO21RST903160	OTH	E	1	0.06	0%	\$2,250	2021	COMPLETE	
HO21RST903161	MRNG	E	1	0.02	0%	\$1,463	2021	COMPLETE	
HO21RST903162	MRNG	E	1	0.01	0%	\$2,535	2021	COMPLETE	
HO21RST903163	OTH	E	1	0.06	0%	\$2,250	2021	COMPLETE	
HO21RST903166	MRNG	E	1	0.04	0%	\$3,750	2021	COMPLETE	
HO21RST903167	MRNG	E	1	0.01	0%	\$1,800	2021	COMPLETE	
HO21RST903168	MRNG	E	1	0.03	0%	\$3,975	2021	COMPLETE	
HO21RST903169	OTH	E	1	0.06	0%	\$2,250	2021	COMPLETE	
HO21RST903170	MRNG	E	1	0.01	0%	\$4,050	2021	COMPLETE	
HO21RST903171	OTH	E	1	0.06	0%	\$3,000	2021	COMPLETE	
HO21RST903172	MRNG	E	1	0.04	0%	\$4,830	2021	COMPLETE	
HO21RST903173	OTH	E	1	0.06	0%	\$1,800	2021	COMPLETE	
HO21RST903174	OTH	E	1	0.06	0%	\$3,000	2021	COMPLETE	
HO21RST903175	OTH	E	1	0.06	0%	\$900	2021	COMPLETE	
HO21RST903176	OTH	E	1	0.06	0%	\$1,800	2021	COMPLETE	
HO21RST903177	OTH	E	1	0.06	0%	\$3,000	2021	COMPLETE	
HO21RST903178	MRNG	E	1	0.02	0%	\$2,250	2021	COMPLETE	
HO21RST903179	OTH	E	1	0.06	0%	\$2,944	2021	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO21RST903180	OTH	E	1	0.06	0%	\$3,000	2021	COMPLETE	
HO21RST903181	MRNG	E	1	0.02	0%	\$4,856	2021	COMPLETE	
HO21RST903182	APRP	E	1	0.03	0%	\$5,000	2021	COMPLETE	
HO21RST903183	MRNG	E	1	0.02	0%	\$5,000	2021	COMPLETE	
HO21RST903184	MRNG	E	1	0.04	0%	\$3,469	2021	COMPLETE	
HO21RST903186	MRNG	E	1	0.03	0%	\$5,000	2021	COMPLETE	
HO21RST903187	APRP	E	1	0.01	0%	\$5,000	2021	COMPLETE	
HO21RST903188	OTH	E	1	0.06	0%	\$3,000	2021	COMPLETE	
HO21RST903189	MRNG	E	1	0.03	0%	\$1,388	2021	COMPLETE	
HO21RST903190	OTH	E	1	0.06	0%	\$2,220	2021	COMPLETE	
HO21RST903191	OTH	E	1	0.06	0%	\$375	2021	COMPLETE	
HO21RST903192	OTH	E	1	0.06	0%	\$776	2021	COMPLETE	
HO21RST903193	APRP	E	1	0.08	0%	\$5,000	2021	COMPLETE	
HO21RST903194	MIDW	E	1	0.02	0%	\$563	2021	COMPLETE	
HO21RST903195	MIDW	E	1	0.02	0%	\$563	2021	COMPLETE	
HO21RST903196	MRNG	E	1	0.05	0%	\$2,081	2021	COMPLETE	
HO21RST903197	MRNG	E	1	0.003	0%	\$1,804	2021	COMPLETE	
HO21RST903198	MRNG	E	1	0.02	0%	\$1,665	2021	COMPLETE	
HO21RST903199	APRP	E	1	0.003	0%	\$1,125	2021	COMPLETE	
HO21RST903200	APRP	E	1	0.01	0%	\$5,000	2021	COMPLETE	
HO21RST903201	OTH	E	1	0.06	0%	\$1,838	2021	COMPLETE	
HO21RST903268	FBIO	S	1	0.96	0%	\$0	2021	COMPLETE	
HO21RST903269	FBIO	S	1	0.14	0%	\$0	2021	COMPLETE	
HO21RST903270	FBIO	S	1	0.28	0%	\$0	2021	COMPLETE	
HO22APY103509	FPU	A	1	0.01	0%	\$1,530	2021	COMPLETE	
HO22APY103510	FPU	A	1	0.01	0%	\$1,530	2021	COMPLETE	
HO22APY103511	FPU	A	1	0.01	0%	\$1,020	2021	COMPLETE	
HO22APY103512	FPU	A	1	0.01	0%	\$1,870	2021	COMPLETE	
HO22APY103513	FPU	A	1	0.09	0%	\$3,230	2021	COMPLETE	
HO22APY103514	FPU	A	1	0.0009	0%	\$170	2021	COMPLETE	
HO22APY103515	FPU	A	1	0.01	0%	\$2,210	2021	COMPLETE	
HO22APY103516	FPU	A	1	0.01	0%	\$1,700	2021	COMPLETE	
HO22APY103517	FPU	A	1	0.02	0%	\$850	2021	COMPLETE	
HO22APY103518	FPU	A	1	0.01	0%	\$1,190	2021	COMPLETE	
HO22APY103519	FPU	A	1	0.01	0%	\$1,530	2021	COMPLETE	
HO22APY103520	FPU	A	1	0.02	0%	\$680	2021	COMPLETE	
HO22APY103521	FPU	A	1	0.03	0%	\$1,190	2021	COMPLETE	
HO22APY103522	FPU	A	1	0.04	0%	\$1,360	2021	COMPLETE	
HO22APY103523	FPU	A	1	0.005	0%	\$850	2021	COMPLETE	
HO22APY103524	FPU	A	1	0.01	0%	\$1,190	2021	COMPLETE	
HO22APY103525	FPU	A	1	0.07	0%	\$12,750	2021	COMPLETE	
HO22APY103526	CL	A	1	0.06	0%	\$21,250	2021	COMPLETE	
HO22APY103527	CL	A	1	0.14	0%	\$21,250	2021	COMPLETE	
HO22APY103528	CL	A	1	0.02	0%	\$21,250	2021	COMPLETE	
HO22APY103529	CL	A	1	0.01	0%	\$21,250	2021	COMPLETE	
HO22APY103530	CL	A	1	0.002	0%	\$2,000	2021	COMPLETE	
HO22APY103531	CL	A	1	0.003	0%	\$5,200	2021	COMPLETE	
HO22APY104623	FPU	A	1	3.90	0%	\$12,491	2021	COMPLETE	
HO22APY104625	FPU	A	1	1.35	0%	\$5,981	2021	COMPLETE	
HO22APY104626	FPU	A	1	0.63	0%	\$2,220	2021	COMPLETE	
HO22APY104630	FPU	A	1	0.09	0%	\$380	2021	COMPLETE	
HO22APY104631	FPU	A	1	0.15	0%	\$733	2021	COMPLETE	
HO22APY104632	FPU	A	1	0.15	0%	\$569	2021	COMPLETE	
HO22APY104639	FPU	A	1	2.31	0%	\$19,125	2021	COMPLETE	
HO22APY104643	FPU	A	1	1.18	0%	\$5,381	2021	COMPLETE	
HO22APY104644	FPU	A	1	1.03	0%	\$5,890	2021	COMPLETE	
HO22APY104645	FPU	A	1	1.32	0%	\$12,321	2021	COMPLETE	
HO22APY104646	FPU	A	1	1.24	0%	\$12,690	2021	COMPLETE	
HO22APY104647	FPU	A	1	1.16	0%	\$14,451	2021	COMPLETE	
HO22APY104648	FPU	A	1	1.52	0%	\$12,814	2021	COMPLETE	
HO22APY104649	FPU	A	1	0.14	0%	\$4,708	2021	COMPLETE	
HO22APY104650	FPU	A	1	13.47	1%	\$2,628	2021	COMPLETE	
HO22APY104651	FPU	A	1	1.06	0%	\$8,097	2021	COMPLETE	
HO22APY104652	FPU	A	1	1.10	0%	\$6,530	2021	COMPLETE	
HO22APY104653	FPU	A	1	1.61	0%	\$4,716	2021	COMPLETE	
HO22APY104654	FPU	A	1	0.08	0%	\$3,188	2021	COMPLETE	
HO22APY104655	FPU	A	1	20.52	2%	\$26,073	2021	COMPLETE	
HO22APY104656	FPU	A	1	1.21	0%	\$8,260	2021	COMPLETE	
HO22APY104657	FPU	A	1	0.59	0%	\$3,832	2021	COMPLETE	
HO22APY104658	FPU	A	1	0.42	0%	\$3,737	2021	COMPLETE	
HO22APY104673	FPU	A	1	1.11	0%	\$859	2021	COMPLETE	
HO22APY106162	CL	A	1	0.02	0%	\$0	2021	COMPLETE	
HO22RST903274	APRP	E	1	0.97	0%	\$0	2021	COMPLETE	
HO22RST903275	APRP	E	1	0.83	0%	\$0	2021	COMPLETE	
HO22RST903276	APRP	E	1	0.32	0%	\$0	2021	COMPLETE	
HO22RST903277	APRP	E	1	0.54	0%	\$0	2021	COMPLETE	
HO22RST903278	MMBR	E	1	0.40	0%	\$0	2021	COMPLETE	
HO22RST903279	MMBR	E	1	0.39	0%	\$0	2021	COMPLETE	
HO22RST903280	MMBR	E	1	0.33	0%	\$0	2021	COMPLETE	
HO22RST903281	MMBR	E	1	0.33	0%	\$0	2021	COMPLETE	
HO22RST903282	APRP	E	1	0.22	0%	\$0	2021	COMPLETE	
HO22RST903283	MMBR	E	1	0.21	0%	\$0	2021	COMPLETE	
HO22RST903284	MMBR	E	1	0.34	0%	\$0	2021	COMPLETE	
HO22RST903285	MMBR	E	1	0.41	0%	\$0	2021	COMPLETE	
HO22RST903286	FSND	S	1	1.29	0%	\$0	2021	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO22RST903287	FSND	S	1	0.79	0%	\$0	2021	COMPLETE	
HO22RST903290	MMBR	E	1	0.66	0%	\$0	2021	COMPLETE	
HO22RST903291	MMBR	E	1	0.34	0%	\$0	2021	COMPLETE	
HO22RST903292	MMBR	E	1	0.13	0%	\$0	2021	COMPLETE	
HO22RST903293	MRNG	E	1	0.09	0%	\$0	2021	COMPLETE	
HO22RST903294	APRP	E	1	0.22	0%	\$0	2021	COMPLETE	
HO22RST903295	MMBR	E	1	0.53	0%	\$0	2021	COMPLETE	
HO22RST903336	MILS	E	1	0.15	0%	\$0	2021	COMPLETE	
HO22RST903344	APRP	E	1	0.14	0%	\$0	2021	COMPLETE	
HO22RST903345	APRP	E	1	0.12	0%	\$0	2021	COMPLETE	
HO22RST903346	APRP	E	1	0.27	0%	\$0	2021	COMPLETE	
HO19ALN000125	STRE	A	1	7.89	1%	\$1,054,965	2022	COMPLETE	
HO20RST103435	PWED	S	1	3.30	0%	\$1,420,946	2022	COMPLETE	
HO20RST901533	PWED	S	1	2.44	0%	\$1,178,774	2022	COMPLETE	
HO21ALN000143	STRE	A	1	76.98	6%	\$3,095,465	2022	COMPLETE	
HO22APY103495	FPU	A	1	0.0003	0%	\$1,020	2022	COMPLETE	
HO22APY103496	FPU	A	1	0.0005	0%	\$1,360	2022	COMPLETE	
HO22APY103497	FPU	A	1	0.0003	0%	\$680	2022	COMPLETE	
HO22APY103498	FPU	A	1	0.0003	0%	\$850	2022	COMPLETE	
HO22APY103499	FPU	A	1	0.002	0%	\$1,190	2022	COMPLETE	
HO22APY103500	FPU	A	1	0.002	0%	\$1,190	2022	COMPLETE	
HO22APY103501	FPU	A	1	0.0004	0%	\$1,190	2022	COMPLETE	
HO22APY103502	FPU	A	1	0.0010	0%	\$2,720	2022	COMPLETE	
HO22APY103503	CL	A	1	0.002	0%	\$4,336	2022	COMPLETE	
HO22APY103504	CL	A	1	0.002	0%	\$2,636	2022	COMPLETE	
HO22APY103505	CL	A	1	0.003	0%	\$4,231	2022	COMPLETE	
HO22APY103506	CL	A	1	0.004	0%	\$7,425	2022	COMPLETE	
HO22APY103507	CL	A	1	0.002	0%	\$1,300	2022	COMPLETE	
HO22APY103508	CL	A	1	0.003	0%	\$3,300	2022	COMPLETE	
HO22APY104627	FPU	A	1	1.57	0%	\$5,165	2022	COMPLETE	
HO22APY104628	FPU	A	1	0.13	0%	\$1,802	2022	COMPLETE	
HO22APY104629	FPU	A	1	0.47	0%	\$3,608	2022	COMPLETE	
HO22APY104633	FPU	A	1	0.09	0%	\$384	2022	COMPLETE	
HO22APY104634	FPU	A	1	0.09	0%	\$349	2022	COMPLETE	
HO22APY104635	FPU	A	1	0.09	0%	\$327	2022	COMPLETE	
HO22APY104636	FPU	A	1	0.09	0%	\$342	2022	COMPLETE	
HO22APY104637	FPU	A	1	0.07	0%	\$333	2022	COMPLETE	
HO22APY104638	FPU	A	1	0.02	0%	\$355	2022	COMPLETE	
HO22APY104640	FPU	A	1	0.09	0%	\$1,336	2022	COMPLETE	
HO22APY104641	FPU	A	1	0.08	0%	\$2,212	2022	COMPLETE	
HO22APY104642	FPU	A	1	0.03	0%	\$768	2022	COMPLETE	
HO22APY104659	FPU	A	1	0.09	0%	\$3,425	2022	COMPLETE	
HO22APY104660	FPU	A	1	0.04	0%	\$2,042	2022	COMPLETE	
HO22APY104661	FPU	A	1	0.89	0%	\$5,795	2022	COMPLETE	
HO22APY104662	FPU	A	1	1.47	0%	\$11,492	2022	COMPLETE	
HO22APY104663	FPU	A	1	2.21	0%	\$7,792	2022	COMPLETE	
HO22APY104664	FPU	A	1	0.94	0%	\$11,085	2022	COMPLETE	
HO22APY104665	FPU	A	1	0.92	0%	\$3,794	2022	COMPLETE	
HO22APY104666	FPU	A	1	0.80	0%	\$5,609	2022	COMPLETE	
HO22APY104667	FPU	A	1	0.10	0%	\$3,003	2022	COMPLETE	
HO22APY104668	FPU	A	1	0.85	0%	\$6,351	2022	COMPLETE	
HO22APY104669	FPU	A	1	0.09	0%	\$3,257	2022	COMPLETE	
HO22APY104670	FPU	A	1	1.06	0%	\$6,630	2022	COMPLETE	
HO22APY104671	FPU	A	1	1.05	0%	\$4,870	2022	COMPLETE	
HO22APY104672	FPU	A	1	0.13	0%	\$0	2022	COMPLETE	
HO22APY106163	CL	A	1	0.01	0%	\$0	2022	COMPLETE	
HO22APY106164	CL	A	1	0.002	0%	\$0	2022	COMPLETE	
HO22APY106165	CL	A	1	0.02	0%	\$0	2022	COMPLETE	
HO22APY106166	CL	A	1	0.01	0%	\$0	2022	COMPLETE	
HO22APY106167	CL	A	1	0.01	0%	\$0	2022	COMPLETE	
HO22APY106168	CL	A	1	0.02	0%	\$0	2022	COMPLETE	
HO22APY106169	CL	A	1	0.01	0%	\$0	2022	COMPLETE	
HO22RST903307	MRNG	E	1	0.03	0%	\$0	2022	COMPLETE	
HO22RST903308	MRNG	E	1	0.02	0%	\$0	2022	COMPLETE	
HO22RST903309	MRNG	E	1	0.04	0%	\$0	2022	COMPLETE	
HO22RST903310	MRNG	E	1	0.01	0%	\$0	2022	COMPLETE	
HO22RST903311	MMBR	E	1	0.64	0%	\$0	2022	COMPLETE	
HO22RST903312	MMBR	E	1	0.64	0%	\$0	2022	COMPLETE	
HO22RST903313	MMBR	E	1	0.20	0%	\$0	2022	COMPLETE	
HO22RST903314	MMBR	E	1	0.20	0%	\$0	2022	COMPLETE	
HO22RST903316	MRNG	E	1	0.01	0%	\$0	2022	COMPLETE	
HO22RST903317	MRNG	E	1	0.01	0%	\$0	2022	COMPLETE	
HO22RST903318	MRNG	E	1	0.03	0%	\$0	2022	COMPLETE	
HO22RST903319	MRNG	E	1	0.04	0%	\$0	2022	COMPLETE	
HO22RST903320	MRNG	E	1	0.01	0%	\$0	2022	COMPLETE	
HO22RST903339	MMBR	E	1	0.20	0%	\$0	2022	COMPLETE	
HO22RST903340	FUND	S	1	0.26	0%	\$0	2022	COMPLETE	
HO22RST903347	APRP	E	1	0.003	0%	\$0	2022	COMPLETE	
HO22RST903348	APRP	E	1	0.02	0%	\$0	2022	COMPLETE	
Subtotal Capital			791	977.664	73%	\$33,235,978			
Other ^{3,5}									
HO18APT007690	SEPC	A	1	0.23	0%	\$10,000	2018	COMPLETE	
HO18APT007693	SEPC	A	1	0.23	0%	\$14,360	2018	COMPLETE	
HO18APT007694	SEPC	A	1	0.23	0%	\$20,000	2018	COMPLETE	
HO18APT007697	SEPC	A	1	0.23	0%	\$20,000	2018	COMPLETE	

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HO19RST902272	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902273	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902274	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902275	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902276	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902277	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902278	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902279	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902280	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902281	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902282	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902283	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902284	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902285	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902286	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902287	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902291	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902292	MRWH	E	1	0.002	0%	\$0	2018	COMPLETE	
HO19RST902317	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902318	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902322	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902325	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902332	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902334	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902342	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902346	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902347	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902352	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902359	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902360	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902376	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902378	MRWH	E	1	0.002	0%	\$43	2018	COMPLETE	
HO19RST902381	MRWH	E	1	0.002	0%	\$43	2018	COMPLETE	
HO19RST902382	MRWH	E	1	0.002	0%	\$43	2018	COMPLETE	
HO19RST902383	MRWH	E	1	0.002	0%	\$43	2018	COMPLETE	
HO19RST902396	MRWH	E	1	0.002	0%	\$43	2018	COMPLETE	
HO19RST902399	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902400	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902401	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902402	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902403	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902404	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902411	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902412	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902414	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902415	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902421	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902428	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902429	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902432	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902435	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902436	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO19RST902437	MRWH	E	1	0.002	0%	\$25	2018	COMPLETE	
HO21APT009464	SEPC	A	1	0.23	0%	\$0	2018	COMPLETE	
HO19APT008547	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008548	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008549	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008550	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008551	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008552	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008553	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008554	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008555	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO19APT008556	SEPD	A	1	0.16	0%	\$14,000	2019	COMPLETE	
HO19APT008557	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008558	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008559	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008560	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008561	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008562	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008563	SEPD	A	1	0.16	0%	\$5,700	2019	COMPLETE	
HO19APT008564	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008565	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008566	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008567	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008568	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19APT008569	SEPD	A	1	0.16	0%	\$0	2019	COMPLETE	
HO19RST902316	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902319	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902320	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902321	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902323	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902324	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902326	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902327	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO19RST902328	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902329	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902330	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902331	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902333	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902335	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902336	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902337	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902338	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902339	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902340	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902341	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902343	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902344	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902345	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902348	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902349	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902350	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902351	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902353	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902354	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902355	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902356	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902357	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902358	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902361	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902362	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902363	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902364	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902365	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902366	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902367	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902368	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902369	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902370	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902371	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902372	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902373	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902374	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902375	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902377	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902379	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902380	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902384	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902385	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902386	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902387	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902388	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902389	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902390	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902391	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902392	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902393	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902394	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902395	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902397	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902398	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902405	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902406	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902407	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902408	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902409	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902410	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902413	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902416	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902417	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902418	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902419	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902420	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902422	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902423	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902424	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902425	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902426	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902427	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902430	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902431	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO19RST902433	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902434	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902438	MRWH	E	1	0.002	0%	\$25	2019	COMPLETE	
HO19RST902439	MRWH	E	1	0.002	0%	\$43	2019	COMPLETE	
HO20APT009145	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009146	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009147	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009148	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO20APT009149	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009150	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009151	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009152	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009153	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009154	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20APT009155	SEPD	A	1	0.16	0%	\$12,000	2019	COMPLETE	
HO20RST109711	MRWH	E	1	0.001	0%	\$0	2019	COMPLETE	
HO20RST109712	MRWH	E	1	0.001	0%	\$0	2019	COMPLETE	
HO20RST109713	MRWH	E	1	0.001	0%	\$0	2019	COMPLETE	
HO20RST109714	MRWH	E	1	0.001	0%	\$0	2019	COMPLETE	
HO20RST109755	MRWH	E	1	0.002	0%	\$0	2019	COMPLETE	
HO20RST109828	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109829	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109830	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109831	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109832	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109833	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109834	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109835	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109836	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109838	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109839	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109840	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109841	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109842	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109843	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109844	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109845	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109846	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109847	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109848	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109849	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109850	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109851	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109852	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109853	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109854	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109855	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109856	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109857	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109858	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109859	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109860	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109861	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO20RST109862	MRWH	E	1	0.002	0%	\$115	2019	COMPLETE	
HO21APT009465	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO21APT009466	SEPC	A	1	0.23	0%	\$0	2019	COMPLETE	
HO21RST903127	MRWH	E	1	0.020	0%	\$300	2019	COMPLETE	
HO21RST903129	MRWH	E	1	0.001	0%	\$314	2019	COMPLETE	
HO21RST903132	MRWH	E	1	0.001	0%	\$500	2019	COMPLETE	
HO20APT009139	SEPD	A	1	0.16	0%	\$12,000	2020	COMPLETE	
HO20APT009140	SEPD	A	1	0.16	0%	\$12,000	2020	COMPLETE	
HO20APT009141	SEPD	A	1	0.16	0%	\$12,000	2020	COMPLETE	
HO20APT009142	SEPC	A	1	0.23	0%	\$12,000	2020	COMPLETE	
HO20APT009143	SEPC	A	1	0.23	0%	\$12,000	2020	COMPLETE	
HO20APT009144	SEPC	A	1	0.23	0%	\$12,000	2020	COMPLETE	
HO21APT009394	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009406	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009407	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009408	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009409	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009410	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009411	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009412	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009413	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009414	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009415	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009416	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009417	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009418	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009419	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009420	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009421	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009422	SEPD	A	1	0.16	0%	\$0	2020	COMPLETE	
HO21APT009423	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009467	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009468	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009469	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21APT009470	SEPC	A	1	0.23	0%	\$0	2020	COMPLETE	
HO21RST902791	MRWH	E	1	0.001	0%	\$200	2020	COMPLETE	
HO21APT009395	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO21APT009396	SEPC	A	1	0.23	0%	\$0	2021	COMPLETE	
HO21APT009397	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO21APT009398	SEPC	A	1	0.23	0%	\$0	2021	COMPLETE	

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	NUM BMP	IMPERVIOUS ACRES	% ISRP COMPLETE	IMPLEMENTATION COST	BUILT DATE	IMPLEMENTATION STATUS	GENERAL COMMENTS
HO22APTO10216	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10217	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10220	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10221	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10223	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10224	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10225	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10226	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10227	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10228	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10229	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10230	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10231	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10234	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10235	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10236	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10238	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10239	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10240	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10243	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10244	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10245	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10246	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10248	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10249	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10250	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10251	SEPD	A	1	0.16	0%	\$0	2021	COMPLETE	
HO22APTO10209	SEPC	A	1	0.23	0%	\$0	2022	COMPLETE	
HO22APTO10218	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10219	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10222	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10232	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10233	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10237	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10241	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10242	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10247	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10252	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
HO22APTO10253	SEPD	A	1	0.16	0%	\$0	2022	COMPLETE	
Subtotal Other			553	24.08	2%	\$314,922			
Total Additional Restoration			1,344	1,002	74%	\$33,550,900			

Check with MDE Geodatabase:

Rest BMP ID, type, class, number of BMPs, impervious acres, built date, implementation cost should match the various geodatabase tables for BMPs (AltBMPLine, AltBMPPoint, AltBMPPoly, and RestBMP)-- aggregated by type and status.

Notes:

1. Use BMP domains from MDE Geodatabase.
2. % ISRP 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. % ISRP Complete compared to ISR new permit.

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All Actions 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.

			Continued Annual Alternative ISR (ac):	573	28%
			Comp Actions (ac):	1,002	
			All Actions (ac):	436	
Continued Annual Alternative ISR (ac):	559	29%	Total ISR New Permit (ac):	1,437	92.33
Required ISR New Permit (ac):	1,345		Total ISR (ac):	2,010	
Total ISR (ac):	1,904				

REST BMP ID	REST BMP TYPE ¹	BMP CLASS	IMPERVIOUS ACRES	% ISR GOAL	IMPLEMENTATION COSTS	IMPLEMENTATION STATUS	IMPLEMENTATION COMPLETION YEAR (FY)	NOTES
Obligations from Previous Permit That Must Be Continued or Met								
Operational Programs^{2,3}								
	MSS	A	356	64%	\$400,000	UNDER CONST	2023	
	MSS	A	356	64%	\$400,000	PROPOSED	2024	
	MSS	A	356	64%	\$400,000	PLANNING	2025	
	MSS	A	356	64%	\$400,000	PLANNING	2026	
	MSS	A	356	64%	\$400,000	PLANNING	2027	
	MSS	A	356	64%	\$400,000	PLANNING	2028	
	SDV	A	76	14%	\$75,000	UNDER CONST	2023	
	SDV	A	76	14%	\$75,000	PROPOSED	2024	
	SDV	A	76	14%	\$75,000	PLANNING	2025	
	SDV	A	76	14%	\$75,000	PLANNING	2026	
	SDV	A	76	14%	\$75,000	PLANNING	2027	
	SDV	A	76	14%	\$75,000	PLANNING	2028	
	SEPP	A	28	5%	\$0	UNDER CONST	2023	
	SEPP	A	28	5%	\$0	PROPOSED	2024	
	SEPP	A	28	5%	\$0	PLANNING	2025	
	SEPP	A	28	5%	\$0	PLANNING	2026	
	SEPP	A	28	5%	\$0	PLANNING	2027	
	SEPP	A	28	5%	\$0	PLANNING	2028	
	Operations Next Two Years (FY23-24) ⁴		488.6	87.3%	\$950,000			
	Operations Next Five Years (FY23-27) ⁴		572.7	102.4%	\$2,375,000			
Capital Projects (Completed to Replace Annual Obligations)^{2,3}								
				0%				
				0%				
	Subtotal Capital Next Two Years (FY23-24)		0	0%	\$0			
	Subtotal Capital Next Five Years (FY23-27)		0	0%	\$0			
Other (Completed to Replace Annual Obligations)^{2,3}								
	Subtotal Other Next Two Years (FY23-24)		0	0%	\$0			
	Subtotal Other Next Five Years (FY23-27)		0	0%	\$0			
	Total Continued Obligations Next Two Years (FY23-24)		488.6	87.3%	\$950,000			
	Total Continued Obligations Next Five Years (FY23-27)		572.7	102.4%	\$2,375,000			
Restoration for the New Permit								
Operational Programs^{3,5}								
				0%				
				0%				
				0%				
				0%				

EIA using 2014 Accounting Guidance. Because the County operates under a comprehensive program, this is considered a permanent practice and credit is cumulative, not annual. The planning goal is to continue to achieve 140.3 EIA by the end of the current permit (Permit # 22-DP-3318) to maintain the sum of 2015-2019 septic pump-outs used towards the County's 20% Restoration Target (Permit # 11-DP-3318).

REST BMP ID	REST BMP TYPE ¹	BMP CLASS	IMPERVIOUS ACRES	% ISR GOAL	IMPLEMENTATION COSTS	IMPLEMENTATION STATUS	IMPLEMENTATION COMPLETION YEAR (FY)	NOTES
	Operations Next Two Years (FY23-24) ⁴		0	0%	\$0			
	Operations Next Five Years (FY23-27) ⁴		0	0%	\$0			
	Capital Projects^{3,5}							
HO21ALN000184	STRE	A	10.29	1%	\$1,640,680	COMPLETE	2023	Ashbrook Drive Stream Restoration
HO21ALN000145	STRE	A	34.20	3%	\$838,000	COMPLETE	2023	Bonnie Branch 2 Stream Restoration
HO20ALN000159	STRE	A	11.16	1%	\$419,049	COMPLETE	2023	Ducks Foot Lane - Phase 3
HO21ALN000144	STRE	A	13.90	1%	\$490,731	COMPLETE	2023	Wharff Lane Stream Restoration
HO20ALN000124	STRE	A	133.80	10%	\$1,685,000	COMPLETE	2023	Woodcrest Drive Stream Rehabilitation
HO18RST901518	SPSC	A	12.1	1%	\$1,178,099	UNDER CONST	2024	Cardinal Forest Stormwater Pond Repair and Retrofit SPSC System at Inflow
HO21RST105269	PWED	S	0.38	0%	\$881,205	PROPOSED	2024	Cherrytree Farm 1 / 2 Pond Repair and Retrofit Wet Pond
HO21ALN000176	STRE	A	7.32	1%	\$288,373	PROPOSED	2024	Cherrytree Farm 1 / 2 Stream Stabilization
HO20RST900323	PWET	S	9.17	1%	\$1,823,182	PROPOSED	2024	Country Meadows Lane Pond Repair and Retrofit Wet Pond
HO19RST901530	PWET	S	45.78	3%	\$1,719,050	UNDER CONST	2024	Gerwig Lane Principal Spillway Replacement
HO20ALN000112	STRE	A	57.24	4%	\$1,745,000	UNDER CONST	2024	Mellen Court Stream Restoration Mainstem and SD-1 Outfall
HO21ALN000178	STRE	A	0.81	0%	\$102,500	UNDER CONST	2024	Mellen Court Stream Restoration Trib 1
HO21ALN000177	STRE	A	2.01	0%	\$102,500	UNDER CONST	2024	Mellen Court Stream Restoration Trib 2
HO20ALN000113	STRE	A	2.21	0%	\$100,000	UNDER CONST	2024	Mellen Court Stream Restoration Trib 3
HO20RST901550	WPWS	S	15.64	1%	\$1,652,809	PROPOSED	2024	Montgomery Run 1 Pond Repair and Retrofit Wet Pond
HO20RST901541	PWET	S	5.52	0%	\$1,284,202	UNDER CONST	2024	Nottingham Principal Spillway Replacement
HO20RST901526	PWET	S	1.04	0%	\$923,784	PROPOSED	2024	Patapsco Park Estates Pond Repair and Retrofit Wet Pond
HO18RST901523	MSGW	E	1.84	0%	\$902,696	PROPOSED	2024	Spring Valley Chase Retrofit Submerged Gravel Wetland
HO18ALN000007	OUT	A	8.99	1%	\$810,666	PROPOSED	2024	Stonehouse Drive Outfall Stabilization
HO19ALN000128	STRE	A	27.66	2%	\$998,679	PROPOSED	2024	Wood Creek Stream Rehabilitation
HO20RST901546	PWET	S	8.48	1%	\$2,414,430	PROPOSED	2024	Woodmark Stormwater Management Retrofit
HO22ALN000162	STRE	A	20.31	2%	\$500,000	PROPOSED	2024	Woodmark Stormwater Management Retrofit and Stream Rehabilitation
HO18RST901521	OTH	S	0.74	0%	\$890,785	PROPOSED	2024	Woodpark Lane Pond Repair and Retrofit Pretreatment Forebays at Inflows
	Subtotal Capital Next Two Years (FY23-24)		430.6	32.0%	\$23,391,420			
	Subtotal Capital Next Five Years (FY23-27)		430.6	32.0%	\$23,391,420			
	Other^{3,5}							
COMMUNITY ENVIRONMENTAL PARTNERSHIPS			1	0%	\$450,000	UNDER CONST	2023	Howard EcoWorks - OCS Operating Budget
COMMUNITY ENVIRONMENTAL PARTNERSHIPS			1	0%	\$450,000	PROPOSED	2024	Howard EcoWorks - OCS Operating Budget
COMMUNITY ENVIRONMENTAL PARTNERSHIPS			1	0%	\$450,000	PLANNING	2025	Howard EcoWorks - OCS Operating Budget
COMMUNITY ENVIRONMENTAL PARTNERSHIPS			1	0%	\$450,000	PLANNING	2026	Howard EcoWorks - OCS Operating Budget
COMMUNITY ENVIRONMENTAL PARTNERSHIPS			1	0%	\$450,000	PLANNING	2027	Howard EcoWorks - OCS Operating Budget
COMMUNITY ENVIRONMENTAL PARTNERSHIPS			1	0%	\$450,000	PLANNING	2028	Howard EcoWorks - OCS Operating Budget
	Subtotal Other Next Two Years (FY23-24)		2	0.1%	\$900,000			
	Subtotal Other Next Five Years (FY23-27)		5	0.4%	\$2,250,000			
	Total Next Two Years (FY23-24)		432.6	32.2%	\$24,291,420			
	Total Next Five Years (FY23-27)		435.6	32.4%	\$25,641,420			

Check with MDE Geodatabase:

Type, class, impervious acres, implementation cost and implementation status should match the various geodatabase tables for BMPs (AltBMPLine, Notes

1. Use BMP domains from MDE 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.

6. Values are current as of June 2023

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ISRP Cost 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 2021	CURRENT YEAR FY 2022	PROJECTED YEAR 1 FY 2023	PROJECTED YEAR 2 FY 2024	PROJECTED YEAR 3 FY 2025	PROJECTED YEAR 4 FY 2026	PROJECTED YEAR 5 FY 2027	TOTAL ⁴
Operating Expenditures (costs)								
Street Sweeping Program	\$800,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$3,200,000
Inlet Cleaning	\$150,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$600,000
IDDE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Support of Capital Projects								\$0
Debt Service Payment ¹	\$1,885,962	\$1,358,809	\$2,160,534	\$2,885,904				\$8,291,209
Other (please stipulate program expenditure) ² - Operating for Howard EcoWorks			\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000
Capital Expenditures (costs)³								
General Fund (Paygo)								\$0
WPR Fund (Paygo)								\$0
Debt Service								\$0
Grants & Partnerships								\$0
Other (please stipulate capital expenditure) ² - ALL CAPITAL EXPENDITURES	\$30,066,076	\$6,875,702	\$5,073,460	\$18,317,960				\$60,333,198
Subtotal operation and paygo:	\$32,902,038	\$8,709,511	\$8,158,994	\$22,128,864	\$925,000	\$925,000	\$925,000	\$74,674,407
Total expenditures:	\$32,902,038	\$8,709,511	\$8,158,994	\$22,128,864	\$925,000	\$925,000	\$925,000	\$74,674,407

Debt service payment as a percentage of total expenditures: 11%

Total ISRP costs except debt service: \$66,383,198

Compare ISRP costs (except debt service) / total ISRP proposed actions for next five years (FY23-FY27): 259%

Total capital expenditures: \$60,333,198

Compare total capital expenditures / total ISRP proposed actions capital costs for next five years (FY23-FY27): 258%

Check with MDE Geodatabase:

The total current FY 2022 expenditure should be less than the combined total of the "OP_cost" and "CAP_Cost" fields in the fiscal analyses table of the geodatabase. (\$110M)

The total projected FY 2023 expenditure should be less than the combined total of the "OP_budget" and "CAP_budget" fields in the fiscal analyses table of the geodatabase. (\$60M)

Notes:

1. Debt service payments include debt service used to support capital projects from current and previous permit.
2. Insert additional rows as necessary.
3. Capital costs shown in FY 2021 include costs in FY 2021 and previous years, spent on capital projects attributed to the current permit. Total permit cycle includes the previous year.
4. Total cycle includes "past up thru" FY 2021 (costs associated with capital projects attributed to the current permit) to FY 2027

Howard County Notes:

- (1) The column labeled "Past Up Thru FY 2021" covers FY19 to FY21.
- (2) Under the "Operating Expenditures (costs)" category, the row labeled Debt Service Payment is calculated based on the assumption that debt will be issued one year after being authorized.
- (3) Under the "Capital Expenditures (Costs)" category, the row labeled Debt Service represents authorized debt.
- (4) Costs are based on the values shown in the All Actions and Completed Actions tabs, which include all funds over the lifecycle of a project, i.e., total cost as of implementation year = sum of costs over multiple fiscal years

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ISRP Revenue 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 21	CURRENT YEAR FY 22	PROJECTED YEAR 1 FY 23	PROJECTED YEAR 2 FY 24	PROJECTED YEAR 3 FY 25	PROJECTED YEAR 4 FY 26	PROJECTED YEAR 5 FY 27	TOTAL NEXT 2-YEARS FY 23-24 ¹	TOTAL AFTER YEAR 5 FY 27
Annual Revenue ²									
Appropriated for ISRP	\$31,430,700	\$10,706,250	\$10,143,750	\$15,151,380	\$925,000	\$925,000	\$925,000	\$25,295,130	\$70,207,080
Annual Costs towards ISRP ³	\$30,066,076	\$7,954,624	\$5,998,460	\$19,242,960	\$925,000	\$925,000	\$925,000	\$25,241,420	\$66,037,119
Compare revenue appropriated / annual costs:								100%	
Reporting Criteria:								100%	

- Note
- Article 4-202.1(j)(2): Demonstration that county or municipality has sufficient funding in the current fiscal year and subsequent fiscal year budgets to meet its estimated cost for the 2-year period immediately following the filing date of the FAP. Note that the appropriations and expenditures include time period up to FY 22.
 - Revenue means "dedicated revenues, funds, or sources of funds (per Article 4-202.1(j)(4)(ii)). Note that budget appropriations have only been approved by governing bodies through FY24 at the time of FAP reporting. [See table of Fund Sources.](#)
 - See table of ISRP Cost.

ISRP Revenue: Projected **cumulative** 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 21	PAST UP THRU CURRENT YEAR FY 22	PAST UP THRU PROJECTED YEAR 1 FY 23	PAST UP THRU PROJECTED YEAR 2 FY 24	PAST UP THRU PROJECTED YEAR 3 FY 25	PAST UP THRU PROJECTED YEAR 4 FY 26	PAST UP THRU PROJECTED YEAR 5 FY 27	CUMULATIVE AFTER 2-YEARS FY 23-24 ^{1, 5}	TOTAL YEAR 5 FY 27
Cumulative Revenue ² Appropriated for ISRP	\$31,430,700	\$42,136,950	\$52,280,700	\$67,432,080	\$68,357,080	\$69,282,080	\$70,207,080	\$67,432,080	\$70,207,080
Cumulative Costs towards ISRP ³	\$30,066,076	\$38,020,700	\$44,019,160	\$63,262,119	\$64,187,119	\$65,112,119	\$66,037,119	\$63,262,119	\$66,037,119
Compare revenue appropriated / annual costs:								107%	
Reporting Criteria:								100%	

Note

- Article 4-202.1(j)(2): Demonstration that county or municipality has sufficient funding in the current fiscal year and subsequent fiscal year budgets to meet its estimated cost for the 2-year period immediately following the filing date of the FAP. Note that the appropriations and expenditures include time period up to FY 22.
- Revenue means "dedicated revenues, funds, or sources of funds (per Article 4-202.1(j)(4)(ii)). Note that budget appropriations have only been approved by governing bodies through FY24 at the time of FAP reporting. See table of Fund Sources.
- See table of ISRP Cost.
- The formulas in this table have been updated to show cumulative funds over the years to more appropriately capture the total funds appropriated and spent over the life of the permit term.
- This column includes ISRP Revenue budgeted through FY24.

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Fund Sources 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 ¹ FY 21	CURRENT YEAR FY 22	PROJECTED YEAR 1 FY 23	PROJECTED YEAR 2 FY 24	PROJECTED YEAR 3 FY 25	PROJECTED YEAR 4 FY 26	PROJECTED YEAR 5 FY 27	TOTAL
Paygo Sources								
Stormwater Remediation Fees (WPR Fund)	\$ 13,415,000	\$ -	\$ -	\$ 8,090,000				\$ 21,505,000
Miscellaneous Fees (WPR Fund)	\$ -	\$ -	\$ -	\$ -				\$ -
General Fund	\$ -	\$ -	\$ -	\$ -				\$ -
Operating - Street Sweeping	\$ 800,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,200,000
Operating - Inlet Cleaning	\$ 150,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 600,000
Operating - Howard EcoWorks			\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 2,250,000
Subtotal Paygo Sources	\$ 14,365,000	\$ 475,000	\$ 925,000	\$ 9,015,000	\$ 925,000	\$ 925,000	\$ 925,000	\$ 27,555,000
Debt Service Authorized (paygo sources will be used to pay off debt service. Note that previous appropriations for debt service used for ISRP is listed in FY 2021).								
County Transportation Bonds	\$ -	\$ -	\$ -	\$ -				\$ -
General Obligation Bonds	\$ 200,000	\$ -	\$ -	\$ 3,500,000				\$ 3,700,000
Revenue (Utility) Bonds - SW Bonds	\$ 20,150,000	\$ 10,500,000	\$ 9,500,000	\$ 4,530,000				\$ 44,680,000
State Revolving Loan Fund	\$ (2,554,000)	\$ -	\$ -	\$ -				\$ (2,554,000)
Public-private partnership (debt service)*	\$ -	\$ -	\$ -	\$ -				\$ -
Subtotal Debt Service	\$ 17,796,000	\$ 10,500,000	\$ 9,500,000	\$ 8,030,000	\$ -	\$ -	\$ -	\$ 45,826,000
Grants and Partnerships (no payment is expected)								
State funded grants	\$ 2,662,000	\$ 3,300,000	\$ 3,100,000	\$ 1,300,000				\$ 10,362,000
Federal funded grants	\$ -	\$ -	\$ -	\$ -				\$ -
Public-private partnership (matched grant) - Columbia Association	\$ 100,000	\$ -	\$ -	\$ 500,000				\$ 600,000
Subtotal Grants and Partnerships	\$ 2,762,000	\$ 3,300,000	\$ 3,100,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 10,962,000
Total Annual Sources of Funds	\$ 34,923,000	\$ 14,275,000	\$ 13,525,000	\$ 18,845,000	\$ 925,000	\$ 925,000	\$ 925,000	\$ 84,343,000
Percent of Funds Directed Toward ISRP	90%	75%	75%	80%	100%	100%	100%	

Compare total permit term paygo ISRP costs / subtotal permit term paygo sources: **319%**
 Compare total ISRP expenditures / total permit term annual sources of funds: **104%**

* WPR Fund: Watershed Protection and Restoration Fund.

Check with MDE Geodatabase:

The total sources related to WPR Funds in Current FY 22 should march the "WPR_Fund" field of the geodatabase.

Note

1. Previous accumulated revenue should be specifically designated for use for this current permit.

* Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) loan

Data from approved Budget Book for each FY.

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Best Management Practice (BMP) Codes

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

Classes

A = Alternative BMP

E = Environmental Site Design

S = Structural BMP