

University of Maryland, College Park
National Pollutant Discharge Elimination
System MS4 Phase II
FY2025 Annual Report
General Discharge Permit #13-SF-5501



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List of Acronyms

AWRP	Anacostia Watershed Restoration Partnership
AWS	Anacostia Watershed Society
BLM	Facilities Management—Department of Building & Landscape Maintenance
BMP	Best Management Practice
BWPFS	Baltimore-Washington Partners for Forest Stewardship
CAD	Computer-Aided Design
CBLP	Chesapeake Bay Landscape Professionals
CBT	Chesapeake Bay Trust
COG	Metropolitan Washington Council of Governments
P&C	Facilities Management—Department of Planning & Construction
DESSR	Department of Environmental Safety, Sustainability & Risk
E&E	Facility Management—Department of Engineering & Energy
E&SC	Erosion & Sediment Control
ESD	Environmental Site Design
FM	Facilities Management
FP	Facilities Management—Department of Facilities Planning
GIS	Geographic Information Systems software
IBBR	Institute for Bioscience and Biotechnology Research
HVAC	Heating, Ventilation, and Air Conditioning
IDDE	Illicit Discharge Detection and Elimination
IPM	Integrated Pest Management
MCM	Minimum Control Measure
MDE	Maryland Department of the Environment
MEP	Maximum Extent Practicable
MES	Maryland Environmental Services
MS4	Municipal Separate Storm Sewer System
NNI	Non-Native Invasive
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
OM&U	Facility Management – Operations, Maintenance and Utilities
OS	Office of Sustainability
SOP	Standard Operating Procedure
SPCC Plan	Spill Prevention Control and Countermeasure Plan
SWPPP	Stormwater Pollution Prevention Plan
UMD	University of Maryland, College Park
USG	Universities at Shady Grove

I. NPDES MS4 PERMIT UMD AUTHORIZATION

The University of Maryland-College Park (UMD) owns and operates a municipal separate storm sewer system (MS4) and, therefore, must comply with the National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges from State and Federal Small Municipal Separate Storm Sewer Systems. Maryland Department of the Environment (MDE) has regulatory authority to implement this program under their General Discharge Permit No. 13-SF-5501, which took effect on October 31, 2018 and expired on October 30, 2023. The permit is administratively extended, and all permit conditions remain in effect until a new permit is issued.

The NPDES MS4 permit requires that permit holders implement Best Management Practices (BMPs) for the following Minimum Control Measures (MCMs):

- Personnel Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post Construction Management
- Pollution Prevention and Good Housekeeping

In addition, the permit specifies reductions in nutrient and sediment load to address the Chesapeake Bay TMDL by 2025. This requires restoration efforts for twenty percent of existing developed lands that have little or no stormwater management by 2025. These efforts include:

- Developing planning strategies
- Identifying water quality improvement opportunities
- Securing appropriate funding
- Development of an implementation schedule for achieving the 20% restoration requirement
- Implementing water quality improvement projects

The annual report presents progress made on the restoration requirement, as well as the MCMs; however, formal reporting for the MCM progress is only required every other year. This FY25 Annual report does not include MCM progress as it was last presented in the FY24 report. While the university continues to maintain the MCM programs, progress on each measure will be updated in the next annual report.

II. NOTICE OF INTENT

UMD submitted a Notice of Intent (NOI) in October 2018, which identified all UMD properties in College Park that were eligible for MS4 coverage. An amendment was submitted in October 2019 to include the Institute for Bioscience and Biotechnology Research (IBBR) facility located on the campus of The Universities at Shady Grove, Maryland.

III. UMD MS4 PERMIT ADMINISTRATION

A. Reporting Period

This annual report begins from the end of the previous period starting July 1, 2024 and reflects activities for the Impervious Restoration Program through June 30, 2025.

B. Contact Information

Agency Name: University of Maryland, College Park

Contact Person and Title: Christopher Ho, Civil Engineer

Mailing Address: 7401 Baltimore Avenue, 4th Floor, College Park, MD 20740

Phone Number: (301) 405-9969

Email: hocyho@umd.edu

C. UMD NPDES MS4 Organizational Structure

UMD Facilities Management-Facilities Planning (FM-FP) managed and administered the NPDES MS4 permit during the reporting period. Several units/departments helped implement MS4 permit requirements; however, the following units/departments are instrumental in implementing the BMPs within the six MCMs:

- Department of Environmental Safety, Sustainability & Risk (DESSR) – Environmental Affairs
- Facilities Management – Department of Building & Landscape Management (FM-BLM)
- Facilities Management – Department of Planning & Construction (FM-P&C)
- Facilities Management – Department of Engineering & Energy (FM-E&E)
- DESSR – Office of Sustainability (OS)

D. Staffing Resources

Compliance with the NPDES MS4 program requires significant funding, which is provided through both operational and capital budgets. The MS4 requirements are largely implemented by UMD staff that are either fully or partially dedicated to this effort. The following departments dedicate staff to this program as follows:

- DESSR: Four employees share MS4/stormwater responsibilities and spend the amount of time equivalent to 2.5 full-time staff members.
- FM-BLM: One full-time staff inspects and maintains stormwater facilities, and several other staff dedicate time to public outreach and volunteer events, forest/tree management, and landscape maintenance.
- FM-FP: One full-time staff dedicates at least 50 percent of the time to MS4 permit and stormwater regulations. In addition, several other staff members are partially dedicated to supporting stormwater inventory and geographic information system (GIS) efforts.
- FM-E&E: Two full-time staff members dedicate at least 20 percent of the time to engineering and water-related issues

IV. CHESAPEAKE BAY RESTORATION AND MEETING TOTAL MAXIMUM DAILY LOADS

The University of Maryland is committed to contributing towards the nutrient and sediment load reductions as specified by Maryland’s Watershed Implementation Plan to address the Chesapeake Bay TMDL.

As the permit expired on October 31, 2023 and is being administratively extended, the impervious area baseline as of the FY2023 Annual Report will remain unchanged from 409.7 acres. The associated restoration target of 20% also remains at 81.9 acres; however, MDE has recommended an additional impervious treatment of 10% be targeted for 2030 in anticipation of the next permit.

The university will continue to track the change in impervious cover areas to determine the restoration requirements for 2030.

A. Impervious Area Treatment

This section summarizes the Baseline Impervious Area Assessment. All of the UMD properties to be regulated as identified in the NOI were imported into a GIS mapping database. Mapping features delineated included all impervious and pervious areas within the properties, locations of existing Best Management Practices (BMPs), and drainage areas to the BMPs.

A summary of the baseline information follows. Note all values are in acres.

Reporting Year	2019	2020	2021	2022	2023*	2024	2025
Total impervious covered by permit	458.4	459.33	464.16	465.84	465.92	465.92	465.92
Total impervious treated by BMPs	15.5	26.36	38.30	40.37	56.25	56.25	56.25
Total impervious acres untreated	442.9	432.97	425.86	425.47	409.67	409.67	409.67
20% restoration requirement by 2025	88.58	86.59	85.17	85.09	81.93	81.93	81.93
Total recommended restoration by 2030	-	-	-	-	-	122.90	122.90
Total UMD Restoration credit	104.8	112.63	117.75	117.75	120.42	121.76	167.45

* Although overall impervious area on campus did change since the last report, the Baseline will remain unchanged from 409.7 acres since the permit expired in 2023.

In the 2019 report, UMD identified and inspected 121 BMPs on the College Park Campus that were reported in the stormwater database. Of these facilities, 33 were identified as passing inspection; however, only 13 of these BMPs were assumed to be eligible for baseline or redevelopment credit as they did not have as-built plans or would be surveyed during the permit term.

In 2020, additional facilities were identified by cross checking legacy projects with the MDE permit database and searching UMD archives for records. BMPs constructed for leased projects on university owned properties were also added to the database. The IBBR BMPs were also incorporated in the UMD BMP database. Finally, inspection efforts and further research led to reclassification or separation of a few facilities. Overall, 44 facilities were added to the BMP database for a total of 165 BMPs in the 2020 report.

In 2021, the university reported a total number of 174 BMPs, of which 105 facilities were officially permitted with MDE for site development projects. Inspection records were completed for all of the permitted water quality treatment BMPs.

In 2022, the university reported a total number of 193 BMPs in the database inventory. However, 9 of the facilities associated with the Kim Engineering construction were removed and consolidated to UMCP22BMP0301 for the reconstruction of the plaza. 113 facilities are now officially permitted with MDE for site development projects. 12 as-built verification plans were submitted to the MDE Water & Science Administration, Sediment & Stormwater Plan Review Division for approval.

In 2023, a total of 196 BMPs are reported in the database inventory. UMD completed the dam breach analyses required for as-built verification of legacy embankment facilities.

For 2024, a total of 205 BMPs are reported in the database inventory. A 13.33 acres reduction in impervious was recorded due to property transactions and coordination with Prince George’s County maintained BMPs that manage a portion of UMD property runoff on University Research Court and Physics Ellipse Court.

For 2025, a total of **223** BMPs are reported in the database inventory. Inspections were renewed for facilities that did not have inspections for the past 3 years.

See **Attachment A** for the Restoration Requirement Assessment Report to track changes in the Restoration Requirement since the last report.

See **Attachment B** for a summary report of the inspections completed by the university and MES, with copies of the full inspection reports.

Table 1: Section I - Impervious Area Restoration Reporting

1. a. Was the impervious area baseline assessment submitted in year 1?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
b. If No, describe the status of completing the required information and provide a date at which all information required by MDE will be submitted:	
c. Has the baseline been adjusted since the previous reporting year?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2. Complete the information below based on the most recent data:	
Total impervious acres of area covered under this permit:	465.92
	UMD 461.4 acres + IBBR 4.52 ac
Total impervious acres treated by stormwater water quality best management practices (BMPs):	56.25 UMD 53.91 acres + IBBR 2.34 acres
Total impervious acres treated by BMPs providing partial water quality treatment (multiply acres treated by percent of water quality provided):	11.55 UMD 9.3 acres + IBBR 2.25 acres

Total impervious acres treated by nonstructural practices (i.e., rooftop disconnections, non-rooftop disconnections, or vegetated swales):

UMD 0.12 acres + IBBR 0.03 acres

Total impervious acres untreated:

Twenty percent of this total area (this is the restoration requirement):

Verify that all impervious area draining to BMPs with missing inspection records is not considered treated. Describe how this information was incorporated into the overall analysis:

All BMPs included in the treatment total had proper verification documentation and inspection records supporting that these facilities provide water quality treatment at the close of the 5-year term in 2023. Impervious area draining to BMPs without as-built plans or proper verification documentation at the end of the 5-year term were included in the untreated impervious acres total. Impervious area draining to BMPs reported as failing at the end of the 5-year term were also included in the untreated impervious acres total.

3. Has an Impervious Area Restoration Work Plan been developed and submitted to MDE in accordance with Part V.B, Table 1 of the permit or other format?

Yes No

Has MDE approved the work plan?

Yes No

If the answer to either question is No, describe the status of submitting (or resubmitting) the work plan to MDE and provide a date at which all outstanding information will be available:

Describe progress made toward restoration planning, design, and construction efforts and describe adaptive management strategies necessary to meet restoration requirements by the end of the permit term:

Construction for Phase 2 of Campus Creek in 2025 and expected to be completed in 2026. Construction for Animal Science dry pond retrofit was also started concurrently and is expected to be complete in 2025.

4. Has a Restoration Schedule been completed and submitted to MDE in accordance with Part V.B, Table 2 of the permit?

Yes No

In year 5, has a complete restoration schedule been submitted including a complete list of projects and implementation dates for all BMPs needed to meet the twenty percent restoration requirement?

Yes No

Are the projected implementation years for completion of all BMPs no later than 2025?

Yes No

Describe actions planned to provide a complete list of projects in order to achieve compliance by the end of the permit term:

UMCP has provided a full list of completed projects that exceed their restoration goal. UMCP continues to update this list annually as additional restoration projects expected to be completed by 2025 are planned. Furthermore, UMCP will continue to update the RAS with additional planned projects through 2030 as recommended by MDE. Current planned projects meet the recommended additional 10% restoration goal.

Describe the progress of restoration efforts (attach examples and photos of proposed or completed projects when available):

Phase I of the Campus Creek Stream Restoration was completed in November 2019. Required documentation for the stream restoration was submitted to MDE in Year 1. The stream restoration provides a maximum credit of 105.8 acres. One acre of credit has been shared with SHA, reducing the maximum credit to 104.8 acres. This exceeds UMCP restoration requirement of 81.9 acres.

Even though UMCP has surpassed their restoration requirement, UMCP has continued efforts to identify additional restoration opportunities across campus. The design phase for both Phase II of the Campus Creek Restoration and retrofit of the Animal Science dry pond were completed in 2024. Construction for the stream restoration has started and was partially completed within the reporting period. Construction for Animal Science is also concurrently under construction. These projects combined will provide an estimated restoration credit of 54.15 acres.

5. Has the BMP database been submitted to MDE in Microsoft Excel format in accordance with Appendix B, Tables B.1.a, b, and c?

Yes No

Is the database complete?

Yes No

If either answer is No, describe efforts underway to complete all data fields, and a date that MDE will receive the required information:

UMCP is continuing efforts to update maintenance and inspection dates. UMCP has established a workflow utilizing Survey123 to document inspections and maintenance. UMCP will continue utilizing this workflow to update all inspection or maintenance dates.

Additionally, UMCP added new BMPs to the database following recently completed construction. As as-builts are completed and treatment is verified, the database will be updated to include all missing data for the new facilities.

6. Provide a summary of impervious area restoration activities planned for the next reporting cycle (attach additional information if necessary):

Perform repairs on existing facilities that are not functional. Continue utilizing Survey123 for inspection and maintenance. Modify inspection forms as needed to meet requirements outlined in Technical Memorandum No. 9. Continue construction for Campus Creek Phase II restoration and begin construction for Animal Science retrofit. See attached restoration activity schedule.

7. Describe coordination efforts with other agencies regarding the implementation of impervious area restoration activities:

UMCP is in discussions with MTA for credit sharing and maintenance responsibilities of SWM facilities included in the Purple Line construction.

8. List the total cost of developing and implementing impervious area restoration program during the permit term:

Year 1: Consultant cost \$168,232

Year 2: Consultant cost \$297,472

Year 3: Consultant cost \$141,278

Year 4: Consultant cost \$129,231

Year 5: Consultant cost \$70,076

Year 6: Consultant cost \$42,750

Year 7: Consultant cost \$64,371

B. Impervious Area Restoration Work Plan

The restoration work plan required to be submitted with the MS4 progress report describes the plans and future activities proposed, as well as progress completed, over the course of the permit term towards meeting the restoration requirement.

Table 2: Restoration Work Plan

<p>Year 1 (FY19)</p>	<ul style="list-style-type: none"> • Import entire UMD campus properties into GIS mapping. • Delineate all property lines, impervious areas, pervious area surfaces, BMP locations and drainage areas for baseline assessment. • Inspect the entire UMD inventory of SWM BMP facilities and assess for compliance with the MS4 permit requirements. • Research archives at UMD and MDE. Compile all available design plans, as-built plans, stormwater reports and maintenance records for each BMP. • Rate each facility based on the condition, availability of design plans, as-built plans, and maintenance records. • Establish a priority list of BMP repairs based on the lowest cost and greatest potential treatment areas. • Establish a BMP maintenance tracking program. • Program budgets for Year 2 surveys, designs, and repairs.
<p>Year 2 (FY20)</p>	<ul style="list-style-type: none"> • Complete MS4 BMP database. • Incorporate IBBR impervious and BMP inventory into UMD MS4 BMP database. • Update GIS impervious layer to incorporate completed construction projects. • Begin BMP verification survey for facilities without as-built documentation. • Begin developing a remediation plan or restoration concepts for failing BMPs. • Develop priority ranking for non-permitted facilities to determine if facility should be restored/retrofit and permitted. • Update baseline assessment and restoration goal. • Update restoration activity schedule for completed and proposed projects. • Develop program budgets for Year 3 surveys, designs, and repairs.

<p>Year 3 (FY21)</p>	<ul style="list-style-type: none"> • Inspect and evaluate treatment for additional BMPs added to the BMP database during the year 2 analysis. • Continue BMP verification survey for facilities without as-built documentation. • Complete inspection for high priority non-permitted facilities to identify repair requirements or retrofit opportunities. • Develop priority ranking for permitted facilities to develop refined restoration schedule. • Begin repairs for BMPs requiring remediation. • Begin implementing projects identified on the restoration activity schedule. • Update GIS impervious layer to incorporate completed construction projects. • Update baseline assessment and restoration goal. • Update and submit Urban BMP database and documented maintenance and inspection status for all BMPs. • Update restoration activity schedule on completed and proposed projects. • Develop program budgets for Year 4 surveys, designs, and repairs.
<p>Year 4 (FY22)</p>	<ul style="list-style-type: none"> • Complete BMP verification survey for facilities without as-built documentation. • Begin restoration efforts for high priority non-permitted BMPs. • Continue repair efforts for facilities requiring remediation. • Continue implementing projects identified in the restoration activity schedule. • Update GIS impervious layer to incorporate completed construction projects. • Update baseline assessment and restoration goal. • Update and submit Urban BMP database and documented maintenance and inspection status for all BMPs. • Update restoration activity schedule on completed and proposed projects. • Develop program budgets for Year 5 designs and repairs.

<p>Year 5 (FY23)</p>	<ul style="list-style-type: none"> • Continue repair efforts for facilities requiring remediation. • Continue routine BMP inspections and establish inspection records for newly constructed facilities. • Continue implementing projects identified in the restoration activity schedule. • Update GIS impervious layer to incorporate completed construction projects. • Update baseline assessment and restoration goal. • Update and submit Urban BMP database and documented maintenance and inspection status for all BMPs. • Develop program budgets for proposed restoration projects. • Update restoration activity schedule for completed and proposed projects. Planning to be extended through 2030 for additional 10% restoration goal.
<p>Year 6 (FY24)</p>	<ul style="list-style-type: none"> • Continue repair efforts for facilities requiring remediation. • Continue routine BMP inspections and establish inspection records for newly constructed facilities. • Continue implementing projects identified in the restoration activity schedule. • Update GIS impervious layer to incorporate completed construction projects. • Update baseline assessment and restoration goal. • Update and submit Urban BMP database and documented maintenance and inspection status for all BMPs. • Develop program budgets for proposed restoration projects. • Update restoration activity schedule for completed and proposed projects. Planning to be extended through 2030 for additional 10% restoration goal
<p>Year 7 (FY25)</p>	<ul style="list-style-type: none"> • Continue repair efforts for facilities requiring remediation. • Continue routine BMP inspections and establishing inspection records for newly constructed facilities. • Continue implementing projects identified in the restoration activity schedule. • Update GIS impervious layer to incorporate completed construction projects. • Update restoration goal. • Update and submit Urban BMP database and documented maintenance and inspection status for all BMPs. • Develop program budgets for proposed restoration projects. • Update restoration activity schedule for completed and proposed projects. Planning to be extended through 2030 for additional 10% restoration goal

Year 8 (FY26)	<ul style="list-style-type: none"> • Update inspection forms following Technical Memorandum No. 9 • Continue implementing projects identified in the restoration activity schedule. • Update GIS impervious layer to incorporate completed construction projects. • Update restoration goal. • Update and submit Urban BMP database and documented maintenance and inspection status for all BMPs. • Develop program budgets for proposed restoration projects. • Update restoration activity schedule for completed and proposed projects. Planning to be extended through 2030 for additional 10% restoration goal
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C. Restoration Activity Schedule

The Restoration Activity Schedule shows the status of projects that will be implemented to meet the MS4 permit restoration requirements. This table shows the proposed list of projects and identifies if they are in planning, construction or completed. The table is updated every year to show the balance towards achieving the restoration requirement.

For the FY2025 report, the Restoration Activity schedule was updated to include completed and planned restoration projects through 2030.

The complete schedule is shown on Table 3 and an enlarged view can be found in **Attachment C**.

Table 3: MS4 Restoration Activity Schedule

Phase II MS4 Restoration Activity Schedule									
Total Acreage (1327); Impervious Acre Baseline (456.04); 20% Restoration Target (79.25 acres)									
Type of Restoration Project	BMP Code	BMP ID	Cost (\$K)	Imperv Acres Treated	Imperv Acre Target and Balance	Project Status	Year Complete or Projected Implementation Year (by 2025)	MD Grid Coordinates (Northing/Easting)	
					79.25				
IBBR Outfall Stabilization	OUT	USG19BMP00004	10	0.50	78.75	C	2006	158456.27	382786.21
University House Southern Micro-Bioretenion	MMBR	UMCP19BMP0040	10	0.03	78.72	C	2011	146679.14	404093.23
Denton Courtyard Micro-Bioretenion	MMBR	UMCP19BMP0122	15	0.10	78.62	C	2012	147179.85	404313.09
Shuttle Facility Green Roof	AGRE	UMCP19BMP0016	50	0.11	78.51	C	2012	147510.65	405436.50
Shuttle Facility Green Roof	AGRE	UMCP19BMP0017	50	0.11	78.40	C	2012	147512.86	405458.48
Shuttle Facility Dry Swale	ODSW	UMCP19BMP0026	30	1.71	76.69	C	2012	147485.93	405590.45
Heavy Equipment Building Micro-Bioretenion	MMBR	UMCP19BMP0055	15	0.10	76.59	C	2012	147573.67	404943.77
Denton Dining Micro-Bioretenion	MMBR	UMCP19BMP0059	30	0.24	76.35	C	2012	147173.55	404348.39
Denton Quad Micro-Bioretenion 3	MMBR	UMCP19BMP0070	15	0.07	76.28	C	2012	147151.76	404275.04
Shuttle Bus Pond	PWET	UMCP19BMP0106	40	0.14	76.14	C	2012	147494.20	405574.94
Physical Science Complex Green Roof	AGRE	UMCP19BMP0078	100	0.21	75.93	C	2013	147002.04	405068.40
Computer and Space Sciences Green Roof	AGRE	UMCP19BMP0049	35	0.08	75.85	C	2013	147031.24	405023.82
Prince Frederick Hall Micro-Bioretenion Cell 1	MMBR	UMCP19BMP0124	30	0.14	75.71	C	2014	146101.64	404687.09
Impervious Surface Removal to Pervious 4100 Metzertott Rd	IMPP	UMCP20BMP0288	5	0.17	75.54	C	2016	148038.42	405387.54
West Side of Edward St. John Green Roof	AGRE	UMCP19BMP0157	50	0.06	75.48	C	2017	146559.97	405023.75
West Side of Edward St. John Green Roof	AGRE	UMCP19BMP0158	50	0.06	75.42	C	2017	146560.89	405040.90
Impervious Surface Removal to Pervious 4109 Metzertott Rd	IMPP	UMCP20BMP0289	5	0.03	75.40	C	2017	147899.26	405369.20
Clark Hall Bioretention 1	MMBR	UMCP19BMP0231	60.0	0.33	75.07	C	2017	147129.96	405375.41
Clark Hall Micro-Bioretenion 2	MMBR	UMCP19BMP0232	50	0.29	74.78	C	2017	147109.93	405375.62
M Square SGW 1	MSGW	UMCP20BMP0258	90	1.86	72.92	C	2018	144408.70	405905.68
M Square SGW 2	MSGW	UMCP20BMP0259	40	0.72	72.20	C	2018	144567.14	405880.11
M Square MBR1	MMBR	UMCP20BMP0260	30	0.35	71.85	C	2018	144555.93	406065.15
A.V. Williams Micro-Bioretenion	MMBR	UMCP19BMP0152	25	0.27	71.58	C	2018	146930.84	405581.69
A.V. Williams Micro-Bioretenion	MMBR	UMCP19BMP0153	15	0.14	71.44	C	2018	147007.47	405562.48
A.V. Williams Micro-Bioretenion	MMBR	UMCP19BMP0154	35	0.31	71.13	C	2018	146975.71	405568.77
Brendan Iribe Micro-Bioretenion 1	MMBR	UMCP19BMP0241	30	0.27	70.86	C	2019	146906.29	405596.76
Brendan Iribe Micro-Bioretenion 2	MMBR	UMCP19BMP0242	40	0.32	70.54	C	2019	146855.63	405574.14
Brendan Iribe 4	APRP	UMCP19BMP0244	20	0.15	70.39	C	2019	146849.94	405510.90
Brendan Iribe 5	AGRI	UMCP19BMP0245	20	0.14	70.25	C	2019	146819.29	405548.24
Campus Creek Stream Restoration Phase 1	STRE	UMCP19BMP0249	1200	104.80	-34.56	C	2019	147429.67	404606.19
Regenerative Step Pool Conveyance	SPSC	UMCP19BMP0250	20	0.58	-35.14	C	2019	147431.84	404451.93
Regenerative Step Pool Conveyance	SPSC	UMCP20BMP0290	20	0.31	-35.45	C	2019	147441.85	404475.02
Stormwater Bar	OUT	UMCP20BMP0291	10	0.13	-35.58	C	2019	147345.11	404978.06
Wooded Hilllock Impervious Removal 3	IMPP	UMCP21BMP0296	5	0.02	-35.60	C	2020	147957.18	404955.17
Wooded Hilllock Impervious Removal 2	IMPP	UMCP21BMP0297	5	0.02	-35.61	C	2020	147940.09	404868.38
Wooded Hilllock Impervious Removal 1	IMPP	UMCP21BMP0298	5	0.05	-35.66	C	2020	147868.97	404758.74
Knight Hall	MRWH	UMCP19BMP0082	50	0.39	-36.05	C	2020	146527.74	404476.54
Cole Field House Impervious Removal	IMPP	UMCP21BMP0300	500	2.30	-38.35	C	2021	146705.18	404486.51
4103 Metzertott Rd Impervious Removal	IMPP	UMCP21BMP0299	15	0.07	-38.42	C	2021	147959.30	405348.54
Presidents house Disconnect 1	NDNR	UMCP19BMP0239	10	0.01	-38.43	C	2021	146721.81	404139.61
Prince Frederick Hall Bioretention Cell 2	MMBR	UMCP19BMP0125	45.2	0.33	-38.76	C	2022	146116.11	404734.63
Brendan Iribe 3	MSWB	UMCP19BMP0243	25	0.19	-38.95	C	2023	146803.50	405608.07
School of Public Policy Bioretention 1	MMBR	UMCP22BMP0321	30	0.16	-39.11	C	2023	146340.64	405239.55
School of Public Policy Bioretention 2	MMBR	UMCP22BMP0322	30	0.30	-39.41	C	2023	146385.29	405356.00
School of Public Policy Pocket Wetland 1	WPKT	UMCP22BMP0323	40	0.55	-39.96	C	2023	146347.72	405349.05
School of Public Policy Non-Rooftop Disconnect 1	NDNR	UMCP22BMP0324	5	0.04	-40.00	C	2023	146304.01	405341.42
Cole Field House Green Roof 1	AGRI	UMCP21BMP0292	50	0.32	-40.32	C	2021	146766.15	404615.60
Cole Field House Green Roof 2	AGRI	UMCP21BMP0293	50	0.07	-40.39	C	2021	146766.74	404556.07
Cole Field House Green Roof 3	AGRI	UMCP21BMP0294	50	0.37	-40.76	C	2021	146672.51	404557.39
Cole Field House Green Roof 4	AGRI	UMCP21BMP0295	50	0.86	-41.62	C	2021	146626.26	404516.83
Idea Factory Micro-Bioretenion 4	MMBR	UMCP22BMP0301	30	0.08	-41.70	C	2021	146933.90	405411.70
Idea Factory Micro-Bioretenion 2	MMBR	UMCP22BMP0302	30	0.06	-41.76	C	2021	146926.50	405335.62
Idea Factory Micro-Bioretenion 1	MMBR	UMCP22BMP0303	30	0.07	-41.83	C	2021	146926.84	405357.94
Idea Factory Micro-Bioretenion 3	MMBR	UMCP22BMP0304	30	0.04	-41.87	C	2021	146926.96	405378.99
UMCP Field Hockey & Lacrosse Complex	MMBR	UMCP22BMP0328	50	0.25	-42.12	C	2024	147395.18	405446.70
Chemistry Wing 1 Micro-bioretenion	MMBR	UMCP22BMP0329	40	0.36	-42.48	C	2024	146865.77	405274.92
Chemistry Wing 1 Non-rooftop Disconnection 1A	NDNR	UMCP22BMP0330	5	0.01	-42.49	C	2024	146911.60	405288.65
Chemistry Wing 1 Non-rooftop Disconnection 1B	NDNR	UMCP22BMP0331	5	0.02	-42.51	C	2024	146888.61	405307.84
Animal Science pond	PWET	UMCP19BMP0021	338.8	8.95	-51.46	P	2025	147226.59	405331.71
Campus Creek Stream Restoration Phase 2	STRE		1700	45.20	-96.66	P	2025	147351.99	404982.82
Total Restoration Credit =				175.91					

D. BMP Database Tracking

The data tables specified in the MS4 permit have been completed for all identified BMPs within the permit area. A GIS system was established with these data tables so that the corresponding information can be recorded, updated, and tracked to be associated with an electronically mapped BMP feature.

UMD also implemented a field inspection app which allows real time updates to the database as inspections are conducted. The database also stores the previous inspection records, as well as maintains a historical account.

See **Attachment D** for the Urban Best Management Practice Database. An electronic version of this information will also be transmitted to MDE.

The application has been further developed to incorporate additional fields to allow the field inspection tool to be used by more contractors and field personnel.

Additional information such as cost data, priority updates and maintenance tracking will be added in future versions to establish a more adaptive management approach for maintaining the BMPs. It will provide better data for managing, planning, budgeting and tracking of the UMD BMP inventory.

V. CONCLUSION

The FY2025 General Discharge Permit #13-SF-5501 annual report provides updates on the progress the University of Maryland, College Park has achieved with the Chesapeake Bay Restoration requirements.

Overall, the university continues to maintain programs related to education, involvement, IDDE, runoff control, stormwater management and pollution prevention related to the MS4 permit.

Although the university has met the Chesapeake Bay Restoration requirements for this permit term, the university continues to progress with documentation, restoration and maintenance of existing stormwater facilities on campus to further improve its stormwater program and to be prepared for the next permit term.

ATTACHMENT A
RESTORATION REQUIREMENT
ASSESSMENT REPORT

September 19, 2025

Christopher Ho
Civil Engineer
Department of Planning & Construction
University of Maryland College Park
College Park, MD 20740

Dear Mr. Ho,

Maryland Environmental Service (MES) has prepared this memorandum for the University of Maryland College Park (UMCP) regarding the findings for Task 4 under the scope of work outlined in Task Order #32. Under this task, MES was requested by UMCP to update and recalculate UMCP's restoration requirement at the end of Year 7 of the National Pollutant Discharge Elimination System (NPDES) Phase 2 Municipal Separate Storm Sewer System (MS4) permit.

Comments provided by MDE on the Year 6 submission finalized UMCP's untreated baseline at 409.7 acres. This total was determined based on the Year 5 report, including a total impervious acreage of 465.92 acres with 56.25 acres being treated by stormwater management BMPs. Under the MS4 Permit, UMCP must treat 20% of their 409.7 untreated impervious acres, bringing their restoration goal to 81.9 acres. At the end of Year 7, UMCP has completed 167.45 acres of restoration, surpassing their restoration goal. The following memorandum discusses the methodology and data used to determine this revised requirement.

Summary

The 5-year term for the NPDES MS4 Phase II Permit ended in 2023. At this time, the baseline untreated impervious area was finalized for each permittee. UMCP's baseline consists of 465.92 acres of impervious, with 461.4 acres located at their main campus and 4.52 acres for the Institute for Bioscience and Biotechnology Research (IBBR) located at the Universities at Shady Grove (USG).

Utilizing the findings provided by Whitney, Bailey, Cox & Magnani, LLP (WBCM) in Year 1, MES's findings over the course of the permit thus far, and data provided by USG, MES has determined that UMCP has 62 facilities providing 56.25 acres of treatment toward their baseline. This brings UMCP's baseline to 409.7 acres and the 20% restoration goal to 81.9 acres. Additionally, MES determined UMCP has 48 facilities classified as post 2006 restoration or redevelopment providing 13.28 acres of restoration credit. UMCP also has 13 alternative practices, including a large stream restoration project, providing another 154.17 acres of restoration credit. UMCP's restoration credit totals to 167.45 acres, surpassing their 20% restoration requirement. MDE also recommends that UMCP plan to restore 10% of the current baseline area by 2030, which UMCP has met through current projects.

Impervious Changes

UMCP's baseline was finalized based on the impervious reported in 2023. However, UMCP has undergone property changes and construction over the past two years, resulting in changes to the existing impervious total on their campus. In 2023, UMCP purchased the Riverside property located at Physics Ellipse Drive. The total acreage of the property is 21.72 acres, including 4.87 acres of impervious area. Following review of the stormwater management for the Riverside property, it was determined the impervious runoff from the property drains into two offsite ponds, Riverside Pond A and Pond B. Both ponds are retrofit projects completed by Prince George's County Clean Water Partnership (CWP) for restoration credit toward the County's MS4 Phase I permit. Therefore, this change in UMCP's impervious would not have any impact on UMCP's baseline.

Furthermore, new construction and redevelopment projects are designed to current stormwater management standards, therefore, any new impervious would be fully treated and would not contribute to UMCP's baseline. However, if runoff from new impervious is determined to not be fully treated, UMCP will work with MDE to adjust restoration requirements.

Methodology

BMP status, type, construction purpose, built date, and inches of runoff treated (Pe) were concurrently used to determine if a BMP is providing treatment and if that treatment should be applied to the baseline or restoration goal. Only facilities in passing condition at the close of the 5-year term received treatment credit. Dry facilities do not provide water quality treatment, only quantity control. Therefore, these facilities do not qualify for credit under MDE guidelines and the impervious area draining to these facilities is included in the untreated impervious area total. Additionally, UMCP only considered MDE permitted BMPs on their campus as being eligible for treatment credit. To qualify for treatment credit non-permitted facilities would require additional review, documentation and official approval from MDE's Plan Review

Division. Since the 5-year term has ended, these facilities are no longer eligible for baseline treatment. These facilities could be considered for retrofit opportunities which would provide restoration credits.

When determining the credit for each eligible facility, if the BMP is classified as new development, the provided treatment was applied to the baseline if constructed during or prior to the baseline year. New development BMPs can be credited for treatment up to 1” and do not receive credit for additional treatment that may be provided. This same methodology was applied to redevelopment and restoration BMPs built prior to 2006. Redevelopment projects completed after the beginning of 2006 were included in UMCP’s restoration credit if additional treatment was provided beyond any new development requirements, which is discussed later in this report. Additionally, restoration projects completed after the beginning of 2006 were included in UMCP’s restoration goal.

It should be noted that new development stormwater BMPs installed after the baseline date will not contribute to the treatment of UMCP’s baseline. As previously stated, new development projects should be designed to current stormwater management standards, therefore, the new impervious would be fully treated and would not contribute to UMCP’s baseline. However, if runoff from new impervious is determined to not be fully treated, UMCP will work with MDE to adjust restoration requirements. MDE currently allows small impervious areas (where a BMP is impracticable) to be left untreated as long as the full ESDv is treated for each single and complete project.

Failing BMPs which have not been counted as providing baseline credits, and not brought into compliance prior to the end of the 5-year permit term are no longer eligible for baseline treatment credits. These facilities may be good candidates for restoration projects to obtain impervious area restoration credits. If a BMP providing baseline treatment is determined to be in poor condition, these credits will be marked as delinquent, and the facility will need to be repaired to maintain eligible credits.

Baseline Assessment

Utilizing the findings and methods described above, MES determined UMCP has 58 facilities which should be counted in UMCP’s baseline as treating 53.91 acres out of 461.40 acres of impervious on their College Park campuses. A summary of these 58 BMPs is provided in Table 1.

Table 1. Summary of UMCP BMPs for Baseline Treatment

BMP ID	BMP Name	Purpose	Status	Impervious Area (ac.)	Pe	Baseline Credit (ac.)
UMCP19BMP0005	Peace & Friendship Garden	Redevelopment	Pass	10.33	1	8.33
UMCP19BMP0011	CSPAC retention pond	New Development	Pass	9.94	0.8	7.95
UMCP19BMP0012	Softball complex retention pond	Redevelopment	Pass	8.26	1	6.88
UMCP19BMP0018	BLS Heavy Equipment	New Development	Pass	0.05	1	0.05
UMCP19BMP0019	University House Parking Lot	New Development	Pass	0.29	1	0.29

UMCP19BMP0020	VetMed research pond	New Development	Delinquent	7.14	1	7.14
UMCP19BMP0024	Terrapin Trail Garage retention pond	New Development	Pass	3.85	1	3.85
UMCP19BMP0033	University House	New Development	Pass	0.14	1	0.14
UMCP19BMP0035	University House	New Development	Pass	0.2	1	0.20
UMCP19BMP0041	University House	New Development	Pass	0.09	1	0.09
UMCP19BMP0042	Wye Oak Building	New Development	Pass	0.27	1	0.27
UMCP19BMP0056	Comcast north retention pond	Redevelopment	Pass	5.96	1	5.96
UMCP19BMP0065	Greenmeade North Grass Channel B	New Development	Delinquent	0.22	1	0.22
UMCP19BMP0066	Greenmeade North Grass Channel A	New Development	Pass	2.43	1	2.43
UMCP19BMP0107	Taylor stadium bioretention	New Development	Delinquent	0.42	0.53	0.22
UMCP19BMP0108	Chesapeake Parking Lot East	New Development	Pass	0.56	0.47	0.26
UMCP19BMP0142	Kim Plaza	Redevelopment	Pass	0.1	1	0.10
UMCP19BMP0152	AV Williams (Lot GG)	Redevelopment	Pass	0.37	1.3	0.07
UMCP19BMP0153	AV Williams (Lot GG)	Redevelopment	Pass	0.22	0.8	0.04
UMCP19BMP0154	AV Williams (Lot GG)	Redevelopment	Pass	0.39	1	0.08
UMCP19BMP0155	West of Edward St. John	New Development	Pass	0.05	1	0.05
UMCP19BMP0159	East Side of Edwards St. John	New Development	Pass	0.03	1	0.03
UMCP19BMP0161	Oakland Hall Sand filter	New Development	Pass	0.21	1	0.21
UMCP19BMP0240	Presidents House Disconnect 2-1	New Development	Pass	0.02	1	0.02
UMCP20BMP0256	UMCP Student Housing Building A	Redevelopment	Pass	0.59	0.63	0.37
UMCP20BMP0257	UMCP Student Housing Building B	Redevelopment	Pass	0.72	0.51	0.37
UMCP20BMP0266	University of Maryland Health Center	Redevelopment	Pass	0.12	0.75	0.09
UMCP20BMP0267	College Park Academy Micro-Bioretention 1	New Development	Pass	0.14	1	0.14
UMCP20BMP0268	College Park Academy Micro-Bioretention 2	New Development	Pass	0.27	1	0.27
UMCP20BMP0269	College Park Academy Micro-Bioretention 3	New Development	Pass	0.35	1	0.35

UMCP20BMP0270	College Park Academy Micro-Bioretenion 4	New Development	Pass	0.32	1	0.32
UMCP20BMP0271	College Park Academy Micro-Bioretenion 5	New Development	Pass	0.42	1	0.42
UMCP20BMP0272	College Park Academy Submerged Gravel Wetland 1	New Development	Pass	1.97	1	1.97
UMCP20BMP0273	NOAA Green Roof 1	New Development	Pass	0.63	1	0.63
UMCP20BMP0275	NOAA Green Roof 2	New Development	Pass	0.33	1	0.33
UMCP20BMP0282	Presidents House Disconnect 2-2	New Development	Pass	0.02	1	0.02
UMCP20BMP0285	Presidents House Disconnect 2-5	New Development	Pass	0.02	1	0.02
UMCP20BMP0286	Presidents House Disconnect 2-3	New Development	Pass	0.02	1	0.02
UMCP20BMP0287	Presidents House Disconnect 2-4	New Development	Pass	0.02	1	0.02
UMCP22BMP0301	Idea Factory Micro-Bioretenion 4	Redevelopment	Pass	0.12	2.47	0.08
UMCP22BMP0302	Idea Factory Micro-Bioretenion 2	Redevelopment	Pass	0.16	1.34	0.11
UMCP22BMP0303	Idea Factory Micro-Bioretenion 1	Redevelopment	Pass	0.13	1.83	0.09
UMCP22BMP0304	Idea Factory Micro-Bioretenion 3	Redevelopment	Pass	0.06	2.31	0.04
UMCP22BMP0306	Johnson-Whittle Hall Micro-Bioretenion 7A	New Development	Pass	0.25	1	0.25
UMCP22BMP0307	Johnson-Whittle Hall Micro-Bioretenion 6A	New Development	Pass	0.37	1	0.37
UMCP22BMP0308	Johnson-Whittle Hall Micro-Bioretenion 5A	New Development	Pass	0.4	1	0.40
UMCP22BMP0309	Johnson-Whittle Hall Micro-Bioretenion 5	New Development	Pass	0.19	1	0.19
UMCP22BMP0310	Johnson-Whittle Hall Micro-Bioretenion 6	New Development	Pass	0.43	1	0.43
UMCP22BMP0311	Johnson-Whittle Hall Micro-Bioretenion 8	New Development	Pass	0.19	1	0.19
UMCP22BMP0312	Johnson-Whittle Hall Micro-Bioretenion 8A	New Development	Pass	0.16	1	0.16
UMCP22BMP0313	Pyon-Chen Hall Micro-Bioretenion 9	New Development	Pass	0.12	1	0.12
UMCP22BMP0314	Pyon-Chen Hall Micro-Bioretenion 3A	New Development	Pass	0.28	1	0.28
UMCP22BMP0315	Pyon-Chen Hall Micro-Bioretenion 3	New Development	Pass	0.11	1	0.11
UMCP22BMP0316	Pyon-Chen Hall Micro-Bioretenion 4	New Development	Pass	0.25	1	0.25
UMCP22BMP0317	Pyon-Chen Hall Micro-Bioretenion 2	New Development	Pass	0.14	1	0.14

UMCP22BMP0318	Pyon-Chen Hall Micro-Bioretenation 1	New Development	Pass	0.2	1	0.20
UMCP22BMP0319	Pyon-Chen Hall Non-Rooftop Disconnect 1	New Development	Pass	0.02	1	0.02
UMCP22BMP0320	Johnson-Whittle Hall Micro-Bioretenation 7	New Development	Pass	0.26	1	0.26
				Total =		53.91

Additionally, UMCP is responsible for treatment of the Institute for Bioscience and Biotechnology Research (IBBR) campus located at the Universities at Shady Grove (USG) campus. IBBR accounts for 4.52 acres of UMCP’s total impervious covered under their MS4 permit. Table 2 provides a summary of the status, impervious area and treatment credit for each BMP located at IBBR determined by MES under a separate scope of work and included in UMCP’s baseline assessment. A breakdown of the combined baseline calculations is provided in Table 3. USG and UMCP share credits for Gudelsky Pond, with 2.18 acres of credit being applied to UMCP’s baseline assessment. However, since USG is the owner of the pond, USG19BMP00026 is not included in UMCP’s BMP database.

Table 2. Summary of IBBR BMPs for Baseline Treatment

BMP ID	BMP Name	Purpose	Status	Impervious Area (ac.)	Pe	Baseline Credit (ac.)
USG19BMP00003	Infiltration Trench 1 at IBBR	New Development	Pass	0.14	0.5	0.07
USG19BMP00005	Infiltration Trench 2 at IBBR	New Development	Pass	0.06	1	0.06
USG19BMP00026	Gudelsky Pond	New Development	Pass	4.52	0.5	2.18
USG19BMP00042	IBBR Non-Rooftop Disconnect	New Development	Pass	0.03	1	0.03
				Total =		2.34

With a baseline treatment credit of 53.91 acres for UMCP’s main campus, and 2.34 acres of treatment credit for the IBBR campus, UMCP’s total untreated impervious results to 409.7 acres. This brings UMCP’s 20% restoration goal to 81.9 acres. A breakdown of the baseline calculations is provided in Table 3 below.

Table 3. UMCP Baseline Assessment

Area (ac)		Impervious (ac)		Treated Impervious (ac)		Untreated Impervious (ac)	20% Restoration Goal (ac)
UMCP	IBBR	UMCP	IBBR	UMCP	IBBR	Total	Total
1314.86	12.18	461.4	4.52	53.91	2.34	409.7	81.9

Restoration

Treatment provided by redevelopment and restoration BMPs built within or after 2006 are eligible to be claimed for restoration credit. Additionally, unlike new development BMPs, these facilities are eligible to be credited over 1” if additional storage is provided. However, for redevelopment projects an analysis of the existing conditions had to be completed to ensure the project was not subject to new development

requirements. If the project was determined to include new development, treatment was credited to meeting this requirement prior to awarding restoration credit.

For the redevelopment projects included within this report, AV Williams and the Field Hockey & Lacrosse Complex were determined to have a net increase in impervious area. As-built plans indicated AV Williams had a net increase of 0.19 acres. Utilizing the ESD requirements and the ESD provided indicated in the as-built plans, MES determined this project provides 0.72 acres of restoration credit. This credit was split among the 3 facilities built for AV Williams, resulting in 0.19 acres of credit toward the baseline and 0.72 acres toward UMCP’s restoration goal. The same methodology was used for Field Hockey & Lacrosse Complex. The net increase in impervious was 0.4 acres. Therefore, 0.4 acres were credited toward UMCP’s baseline and the remaining 0.25 acres was credited toward restoration.

Softball Complex and Lot R3 redevelopment projects were also determined to have a net increase in impervious area. The same methodology described above was applied to these projects. However, since these projects were completed after the baseline year of 2023, new development treatment was not credited toward the baseline. Softball Complex and Lot R3 had a net increase of 0.9 acres and 0.12 acres, resulting in 0.11 acres and 0.38 acres of eligible restoration credit respectively.

Impervious Treatment credit was also split between the baseline and restoration for the Idea Factory redevelopment project. This project area had 9 existing micro-biorententions treating 0.32 acres of impervious area that were removed as part of construction. Four new bioretentions were constructed treating 0.47 acres of impervious. Several of these facilities provided over management, resulting in a total treatment credit of 0.57 acres. Since the project did not have a net increase in impervious area, there were no new development requirements. However, since there was existing treatment prior to the redevelopment project, only 0.25 acres were eligible for restoration credit. The remaining 0.32 acres were included in the baseline treatment.

A total of 48 BMPS were identified as qualifying for restoration credit, which are summarized below in Table 4.

Table 4. Summary UMCP Redevelopment & Restoration BMPs

BMP ID	BMP Name	Purpose	Status	Impervious Area (ac.)	Pe	Restoration Credit (ac.)
UMCP19BMP0016	Shuttle Facility	Redevelopment	Pass	0.11	1	0.11
UMCP19BMP0017	Shuttle Facility	Redevelopment	Pass	0.11	1	0.11
UMCP19BMP0026	Shuttle Facility dry swale	Redevelopment	Pass	2.23	0.82	1.71
UMCP19BMP0040	University House	Restoration	Pass	0.03	1	0.03
UMCP19BMP0049	Computer and Space Sciences	Redevelopment	Pass	0.08	1.2	0.08
UMCP19BMP0055	Heavy Equipment Building bioretention	Redevelopment	Pass	0.09	1.15	0.1

UMCP19BMP0059	Denton dining bioretention	Redevelopment	Pass	0.18	2.28	0.24
UMCP19BMP0070	Denton bioretention	Redevelopment	Pass	0.09	0.76	0.07
UMCP19BMP0078	Physical Sciences	Redevelopment	Pass	0.2	1.2	0.21
UMCP19BMP0082	Knight Hall	Redevelopment	Pass	0.43	0.91	0.39
UMCP19BMP0106	Shuttle Bus Pond	Redevelopment	Delinquent	1.17	0.12	0.14
UMCP19BMP0122	Denton Courtyard bioretention	Redevelopment	Pass	0.1	1.03	0.1
UMCP19BMP0124	Prince Frederick Hall Bioretention Cell 1	Redevelopment	Pass	0.17	0.8	0.14
UMCP19BMP0125	Prince Frederick Hall Bioretention Cell 2	New Development	Pass	0.3	1.36	0.33
UMCP19BMP0152	AV Williams (Lot GG)	Redevelopment	Pass	0.37	1.3	0.27
UMCP19BMP0153	AV Williams (Lot GG)	Redevelopment	Pass	0.22	0.8	0.14
UMCP19BMP0154	AV Williams (Lot GG)	Redevelopment	Pass	0.39	1	0.31
UMCP19BMP0157	West Side of Edward St. John	Redevelopment	Pass	0.06	1	0.06
UMCP19BMP0158	West Side of Edward St. John	Redevelopment	Pass	0.06	1	0.06
UMCP19BMP0231	Clark Hall Bioretention 1	Redevelopment	Pass	0.27	1.96	0.33
UMCP19BMP0232	Clark Hall Bioretention 2	Redevelopment	Pass	0.21	2.6	0.29
UMCP19BMP0239	Presidents house Disconnect 1	Redevelopment	Pass	0.01	1	0.01
UMCP19BMP0241	Brendan Iribe 1	Redevelopment	Pass	0.19	2.6	0.27
UMCP19BMP0242	Brendan Iribe 2	Redevelopment	Pass	0.23	2.5	0.32
UMCP19BMP0243	Brendan Iribe 3	Redevelopment	Pass	0.19	1	0.19
UMCP19BMP0244	Brendan Iribe 4	Redevelopment	Pass	0.12	2	0.15
UMCP19BMP0245	Brendan Iribe 5	Redevelopment	Pass	0.12	1.7	0.14
UMCP20BMP0258	M Square SGW 1	Redevelopment	Pass	2.33	0.8	1.86
UMCP20BMP0259	M Square SGW 2	Redevelopment	Pass	0.88	0.82	0.72
UMCP20BMP0260	M Square MBR1	Redevelopment	Pass	0.48	0.73	0.35

UMCP21BMP0292	Cole Field House Green Roof 1	Redevelopment	Pass	0.32	1	0.32
UMCP21BMP0293	Cole Field House Green Roof 2	Redevelopment	Pass	0.07	1	0.07
UMCP21BMP0294	Cole Field House Green Roof 3	Redevelopment	Pass	0.37	1	0.37
UMCP21BMP0295	Cole Field House Green Roof 4	Redevelopment	Pass	0.86	1	0.86
UMCP22BMP0301	Idea Factory Micro-Bioretenction 4	Redevelopment	Pass	0.12	2.47	0.08
UMCP22BMP0302	Idea Factory Micro-Bioretenction 2	Redevelopment	Pass	0.16	1.34	0.06
UMCP22BMP0303	Idea Factory Micro-Bioretenction 1	Redevelopment	Pass	0.13	1.83	0.07
UMCP22BMP0304	Idea Factory Micro-Bioretenction 3	Redevelopment	Pass	0.06	2.31	0.04
UMCP22BMP0321	School of Public Policy Bioretention 1	Redevelopment	Pass	0.12	2.25	0.16
UMCP22BMP0322	School of Public Policy Bioretention 3	Redevelopment	Pass	0.21	2.55	0.3
UMCP22BMP0323	School of Public Policy Pocket Wetland 1	Redevelopment	Pass	0.39	2.6	0.55
UMCP22BMP0324	School of Public Policy Non-Rooftop Disconnect 1	Redevelopment	Pass	0.04	1	0.04
UMCP23BMP0328	UMCP Field Hockey & Lacrosse Complex	Redevelopment	Pass	0.36	1.5	0.29
UMCP23BMP0329	Chemistry Wing 1 Micro-bioretenction	Redevelopment	Pass	0.37	1.15	0.33
UMCP23BMP0330	Chemistry Wing 1 Non-rooftop Disconnection 1A	Redevelopment	Pass	0.02	1	0.02
UMCP23BMP0331	Chemistry Wing 1 Non-rooftop Disconnection 1B	Redevelopment	Pass	0.02	1	0.02
UMCP25BMP0334	Lot R3 BayFilter	Redevelopment	Pass	0.5	0.5	0.11
UMCP25BMP0335	Softball Player Development SGW	Redevelopment	Pass	0.11	0.11	0.38
					Total =	13.28

In addition to the projects listed in Table 4, alternative practices also qualify for restoration credit. UMCP completed Phase 1 of the Campus Creek restoration in November 2019, which restored 3,039 linear feet of the stream. The project was determined by WBCM to provide 105.8 acres of restoration credit. However, as part of an agreement to allow UMCP to complete restoration in the right of way along MD Route 193, 1 acre of the restoration credit was given to SHA to apply toward their MS4 requirement. Additionally, as part of the Campus Creek restoration two regenerative step pool conveyances were installed along with a stormwater bar (outfall stabilization). These three practices were evaluated to provide an additional 1.02 acres of restoration credit. Construction for Phase 2 of the Campus Creek restoration, which will restore 2,318 linear feet of Campus Creek, has been partially completed and is under ongoing construction. Phase 2 provides an estimated 45.2 acres of restoration credit. Furthermore, UMCP has completed a total of 7 impervious surface removal projects. For every acre of impervious

surface converted to grass cover, UMCP received a 0.75-acre equivalent treatment credit. To ensure double credit is not claimed, the total impervious for these projects has been included in UMCP’s baseline total. The total impervious area removed is 3.53 acres, resulting in a restoration credit of 2.65 acres. Lastly, on the IBBR campus an outfall stabilization was completed in 2006. The project was 50 feet long, and with an equivalent credit of 0.01 acres per linear foot, the project earned a credit of 0.5 acres. Table 5 below presents each alternative practice and their equivalent restoration credit.

Table 5. Summary UMCP Alternative Practices

Year	BMP ID	BMP Name	BMP Type	Impervious Credit (ac.)
2019	UMCP19BMP0249	Campus Creek Restoration	Stream Restoration	104.8
2006	USG19BMP00004	IBBR Outfall Stabilization	Outfall Stabilization	0.5
2016	UMCP20BMP0288	Impervious Surface Removal to Pervious 4100 Metzertott Rd	Impervious Surface Removal to Pervious	0.17
2017	UMCP20BMP0289	Impervious Surface Removal to Pervious 4109 Metzertott Rd	Impervious Surface Removal to Pervious	0.03
2019	UMCP19BMP0250	Campus Creek RSPSC 1	Regenerative Step Pool Conveyance	0.58
2019	UMCP20BMP0290	Campus Creek RSPSC 2	Regenerative Step Pool Conveyance	0.31
2019	UMCP20BMP0291	Campus Creek Stormwater Bar	Outfall Stabilization	0.13
2020	UMCP21BMP0296	Wooded Hillock Impervious Removal 3	Impervious Surface Removal to Pervious	0.02
2020	UMCP21BMP0297	Wooded Hillock Impervious Removal 2	Impervious Surface Removal to Pervious	0.017
2020	UMCP21BMP0298	Wooded Hillock Impervious Removal 1	Impervious Surface Removal to Pervious	0.05
2021	UMCP21BMP0299	4103 Metzertott Rd Impervious Removal	Impervious Surface Removal to Pervious	0.067
2021	UMCP21BMP0300	Cole Field House Impervious Surface Removal	Impervious Surface Removal to Pervious	2.30
2025	UMCP25BMP0332	Campus Creek Restoration Phase 2	Stream Restoration	45.2
Total =				154.17

The restoration credit earned from the projects described within this report totals to 167.45 acres. This surpasses UMCP’s restoration requirement of 81.9 acres as demonstrated in Table 6.

Table 6. UMCP Restoration Credit Computation

20% Restoration Goal (ac)	Restoration Credit (ac)	Remaining 20% Goal (ac)
81.9	167.45	-85.55

In preparation of the next MS4 Phase II Permit, MDE provided guidance to all permit holders to extend their Restoration Activity Schedule through 2030 with an additional 10% restoration goal. For UMCP, this goal is equivalent to an additional 40.97 acres of restoration. UMCP would meet this goal with current implemented projects. However, UMCP continues to plan future projects for continued restoration.

Future Projects

Even though UMCP has surpassed their 20% restoration requirement, the University continues to plan future restoration projects in preparation of future permit requirements. In 2020, UMCP applied for the Chesapeake Bay Trust (CBT) Watershed Assistance Grant Program and was awarded funding for the design to retrofit the Animal Science Pond and restore the remaining section of Campus Creek. The design phase for both projects have been completed. Phase 2 of the Campus Creek restoration has been partially constructed and is under ongoing construction as described above. Animal Science is a dry pond that is no longer functioning and will be converted into a water quality facility. The pond retrofit will provide 8.95 acres of restoration credits, bringing UMCP's total restoration credit to 176.4 acres. Construction for the pond is scheduled to begin in 2025. Upon project completion, the awarded credit may increase or decrease.

Additionally, UMCP continues completing maintenance to restore failing BMPs across the campus. As these facilities are repaired, restoration credit may be awarded as appropriate, further contributing to UMCP's stormwater treatment requirements.

Conclusion

UMCP is responsible for a total of 465.92 acres of impervious under their MS4 permit. MES determined UMCP is treating 53.91 acres of their main campus's impervious area, and 2.34 acres of the IBBR campus's impervious area in baseline treatment. This treatment resulted in a 20% restoration goal of 81.9 acres. Through a combination of redevelopment projects and alternative practices, UMCP has earned 167.45 acres of restoration credit, surpassing their 20% restoration requirement. Although UMCP has exceeded their restoration goal, UMCP continues to plan future restoration projects to ensure they continue to meet future requirements such as the 2030 10% restoration goal under the NPDES MS4 permit.

ATTACHMENT B
BMP INSPECTION REPORTS

UMCP19BMP0002 / Lot 2 Retention Pond

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 11:38 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0002	Inspection Firm:	MES
BMP Type:	Retention Pond (Wet Pond)	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Minor sedimentation in forebay
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Sedimentation in forebay

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - Good

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Not Rated

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - Not Rated

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Remove sediment from forebay

Additional Photos



Principal Spillway Overall



Principal Spillway Close Up



First Inflow



Second Inflow

UMCP19BMP0005 / Peace and Friendship Garden

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 2:23 PM	Inspector Initials:	SM,SF
BMP ID:	UMCP19BMP0005	Inspection Firm:	MES
BMP Type:	Sand Filter	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Both forebays are overgrown with herbaceous vegetation, possible fox burrow on west forebay berm
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - Fair

Treatment Area

- **Conveyance Stability** - Good
- **Ponding – Good /Water Depth** - 0

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - Good
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Inspect overgrowth in west forebay for fox burrow, trim vegetation in both forebays

Additional Photos



East forebay



Treatment basin



Gabion basket between east forebay and treatment basin



Emergency spillway



Gabion basket between west forebay and treatment basin



Potential fox burrow in west forebay



Upstream embankment



Small hole forming around control structure



Principal spillway and underdrain inside control structure



Control structure

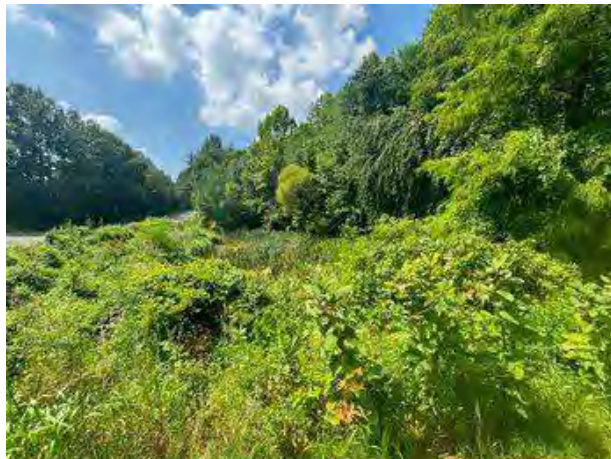
UMCP19BMP0010 / Laboratory for Physical Science

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 11:50 AM	Inspector Initials:	SM,SF
BMP ID:	UMCP19BMP0010	Inspection Firm:	MES
BMP Type:	Extended Detention Structure, Wet	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Small eroded channel on north side of berm, cattails likely reducing storage capacity, pond berm heavily overgrown with herbaceous vegetation.
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Fair
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Cattails starting to impede storage capacity, pond berm very overgrown

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Good

Outlet/Control Structure

- **Low Flow Orifice** - Not Rated
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Clear overgrowth from pond berm and clear cattails from treatment area, fix small eroded channel on north side of berm

Additional Photos



West inflow



South inflow



Small eroded channel on berm



Control structure



Northwest inflow

UMCP19BMP0019 / University House Parking Lot

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 1:40 PM	Inspector Initials:	SF
BMP ID:	UMCP19BMP0019	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Minor debris in treatment area and some erosion, dead planted vegetation (bushes)
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Minor trash and debris in treatment area, some of planted bushes are dead

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 0

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Replace dead bushes in treatment area, re-mulch eroded parts of treatment area, clear out trash and debris

Additional Photos



Treatment basin



Debris in basin



Sheet inflow



Monitoring well



Inflow pipe



Inflow

UMCP19BMP0020 / VetMed research pond

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	August 26, 2025 11:04 AM	Inspector Initials:	SK,PP
BMP ID:	UMCP19BMP0020	Inspection Firm:	UMD
BMP Type:	Retention Pond (Wet Pond)	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Woody Vegetation on Embankment
Maintenance Level	Major Maintenance (Use of Heavy Machinery for Repairs)		

Overall Photo



Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Woody Vegetation on Embankment

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - Good

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** – 0ft

Embankment

- **Embankment Cover** - Fair
- **Upstream Embankment** - Fair
- **Downstream Embankment** – Fair
- **Other Repair Items:** Remove woody vegetation from embankment

Outlet/Control Structure

- **Low Flow Orifice** – N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - Fair

BMP Status - Fail

Maintenance Level - Major Maintenance (Use of Heavy Machinery for Repairs)

Maintenance & Remediation Recommendations

Remove Woody Vegetation from embankment

Additional Photos



Outfall. Minor vegetation and debris.



Principal spillway



Tree growth on embankment.



Tree growth on embankment.



4

Minor erosion under fence



Algae growth within basin

UMCP19BMP0033 / University House MBR 1C

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 10:00 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0033	Inspection Firm:	MES
BMP Type:	Micro-Bioretenion	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Overgrown with grassy vegetation, rip rap overgrown
Maintenance Level	Minor Maintenance		

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Slightly overgrown with grassy vegetation

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding – Good /Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** – N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Minor Maintenance

Maintenance & Remediation Recommendations

Remove unwanted vegetation. Locate and reinspect control structure following maintenance.

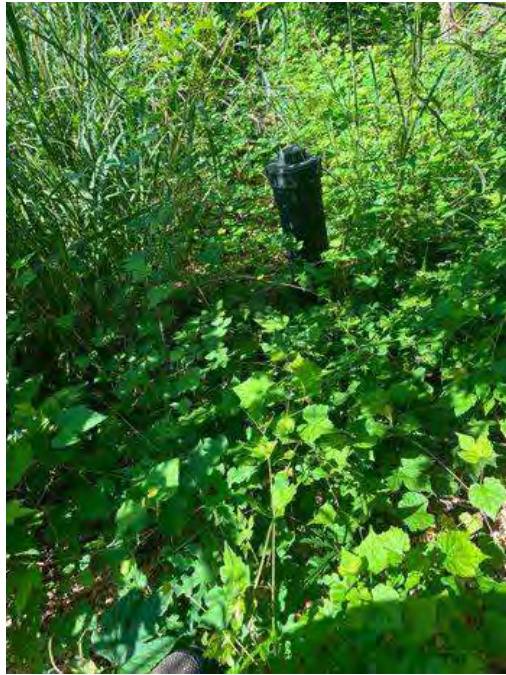
Additional Photos



Overgrown Rip Rap Close Up



Cleanout 1



Cleanout 2

UMCP19BMP0034 / University House MBR 1B

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 10:14 AM	Inspector Initials:	ML, EM, SM
BMP ID:	UMCP19BMP0034	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Overgrown vegetation. Unable to locate control structure, principal spillway, embankment. Basin overgrown with vegetation
Maintenance Level	Major Maintenance		

Overall Photo





Site Conditions

- **BMP Access** - Fair
- **Debris & Sediment** - Good
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** - Not Rated
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Major Maintenance

Maintenance & Remediation Recommendations

Remove unplanned vegetation. Trim planned vegetation. Locate & reinspect control structure following maintenance.

Additional Photos



Overgrown Rip Rap



Inflow



Slope to Treatment Area

UMCP19BMP0035 / University House MBR 1A
 Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 10:20 AM	Inspector Initials:	EM
BMP ID:	UMCP19BMP0035	Inspection Firm:	MES
BMP Type:	Micro-Bioretenention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Overgrown vegetation. Unable to locate control structure
Maintenance Level	Major Maintenance		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Fair
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Bare spots in treatment basin, good inflow, control structure not located

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding – Good /Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** – N/A
- **Outlet / Control Structure** – Not Rated
- **Principal Spillway** – Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** -
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Major Maintenance

Maintenance & Remediation Recommendations

Remove unwanted vegetation and trim planned vegetation. Locate & reinspect control structure following maintenance.

Additional Photos



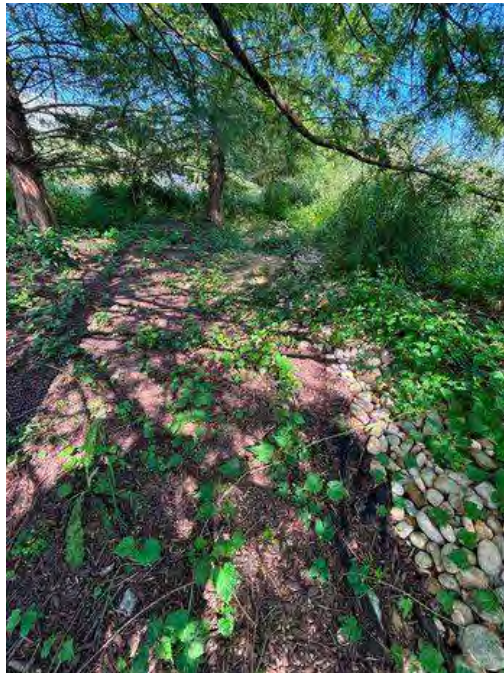
Bare Spots in Treatment Basin 1



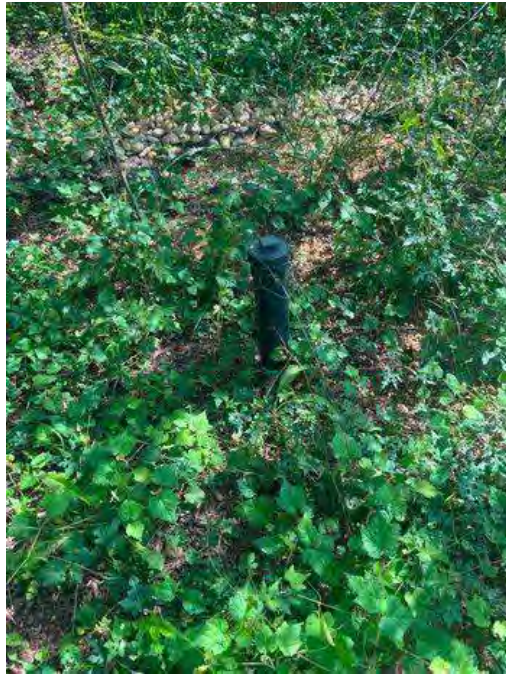
Bare Spots in Treatment Basin 2



Bare Spots in Treatment Basin 3



Bare Spots in Treatment Basin 4



Cleanout



Separate Inflow



Discharge area



Debris in Discharge Area Close Up



Outfall Pipe

UMCP19BMP0040 / University House MBR 3

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 1:40 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0040	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Animal burrows within basin
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Lacking vegetation in treatment basin, large and severe animal burrows in treatment area and near inflow

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Poor
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Good

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - Good

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Fill and stabilize animal burrows. Replant as needed according to plan.

Additional Photos



Outfall



Upstream embankment



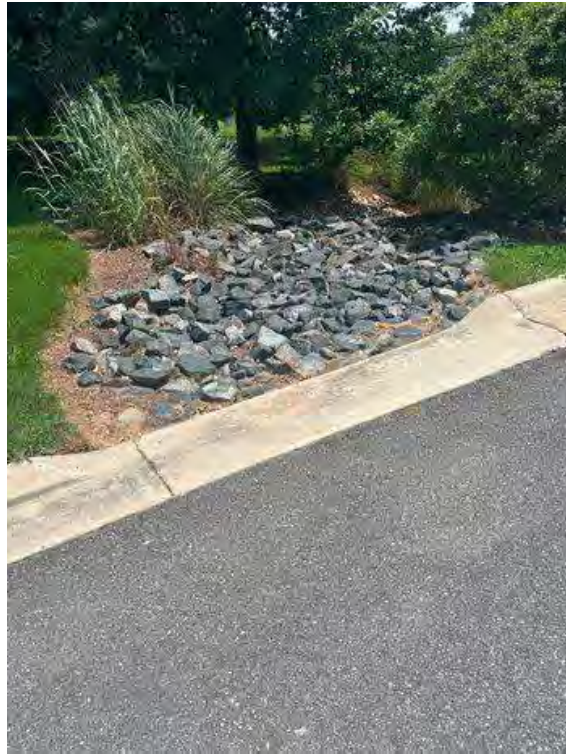
Treatment basin



Monitoring well



Animal burrow in basin wall



Inflow from roadway



Animal burrow in treatment basin

UMCP19BMP0041 / University House MBR 2

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 1:23 PM	Inspector Initials:	SM,SF
BMP ID:	UMCP19BMP0041	Inspection Firm:	MES
BMP Type:	Micro-Bioretenention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Both observation wells were uncapped, minor erosion and sediment deposits in inflow channel and upper treatment area
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Sedimentation in eroded area near inflow

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 0

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Fair
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Re-mulch and monitor sediment deposits in inflow channel and upper treatment area, put caps on observation wells

Additional Photos



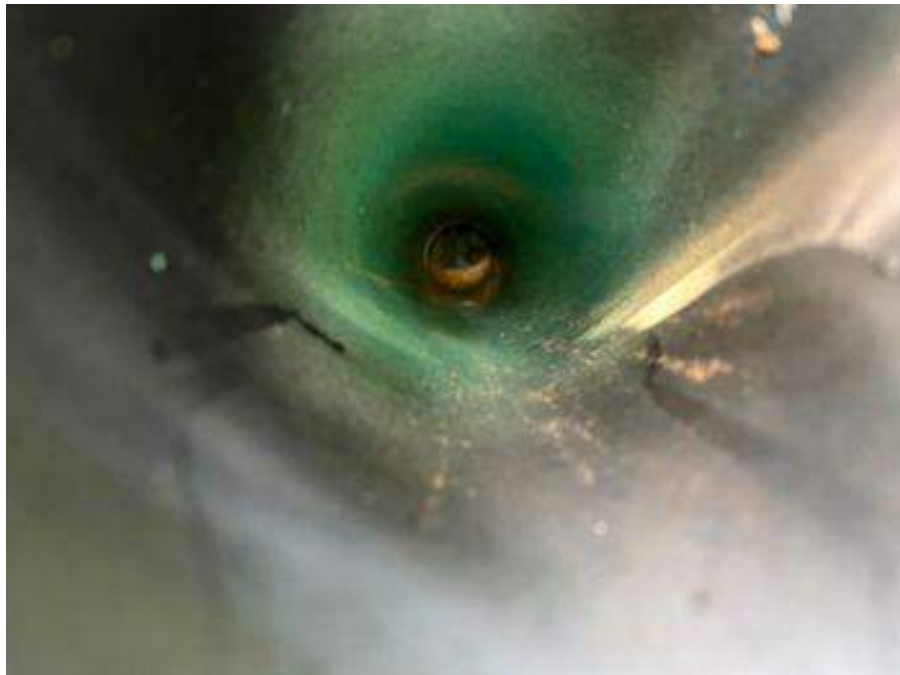
Minor sediment erosion at inflow



Minor sediment erosion at upper treatment basin



Monitoring well



Monitoring well interior



Upstream embankment

UMCP19BMP0043 / Lot 11b Bioretention

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 10:22 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0043	Inspection Firm:	MES
BMP Type:	Bioretention	Underground BMP?	No
BMP Status	Fail	Overall Inspection Comment:	BMP overgrown and should be cleared
Maintenance Level	Major Maintenance (Use of Heavy Machinery for Repairs)		

Overall Photo





Site Conditions

- **BMP Access** - Poor
- **Debris & Sediment** - Not Rated
- **Vegetation** - Poor
- **BMP Contamination** - Not Rated
- **General Site Conditions Comments:** Overgrown Vegetation

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Not Rated
- **Ponding** - Not Rated/**Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - Not Rated
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - Not Rated

BMP Status - Fail

Maintenance Level - Major Maintenance (Use of Heavy Machinery for Repairs)

Maintenance & Remediation Recommendations

Clear Vegetation

Additional Photos



Inflow



Overgrown Vegetation

UMCP19BMP0046 / Symons Hall Rain Garden North

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 3:21 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0046	Inspection Firm:	MES
BMP Type:	Rain Gardens	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good /**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

Additional Photos

UMCP19BMP0047 / Symons Hall Rain Garden South

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 3:21 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0047	Inspection Firm:	MES
BMP Type:	Rain Gardens	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good /**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

Additional Photos

UMCP19BMP0048 / Symons Hall Pervious Pavement

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	October 1, 2025	Inspector Initials:	SK, PP
BMP ID:	UMCP19BMP0048	Inspection Firm:	MES
BMP Type:	Permeable Pavements	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good /**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

UMCP19BMP0065 / Greenmeade North Grass Channel B

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 1:01 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0065	Inspection Firm:	MES
BMP Type:	Grass Swale	Underground BMP?	No
BMP Status	Fail	Overall Inspection Comment:	Excess vegetation impedes access to structures, minor erosion at inflow
Maintenance Level	Major Maintenance (Use of Heavy Machinery for Repairs)		

Overall



Site Conditions

- **BMP Access** - Fair
- **Debris & Sediment** - Good
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Excess vegetation made access of structures difficult

Inflow and Forebay

- **Inflow Condition** - Not Rated
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 0

Embankment

- **Embankment Cover** - Not Rated
- **Upstream Embankment** - Not Rated
- **Downstream Embankment** - Not Rated

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - Not Rated

BMP Status - Fail

Maintenance Level - Major Maintenance (Use of Heavy Machinery for Repairs)

Maintenance & Remediation Recommendations

Trim back vegetation, stabilize and reseed erosion at inflow channel. Locate & reinspect structures following maintenance.

Additional Photos



Inflow Channel with Minor Erosion



Minor Erosion Near Inflow



Overgrown Vegetation in Treatment Area

UMCP19BMP0066 / Greenmeade North Grass Channel A

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 12:30 PM	Inspector Initials:	PRW
BMP ID:	UMCP19BMP0066	Inspection Firm:	MES
BMP Type:	Grass Swale	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Phragmites in conveyance
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall



Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Fair
- **General Site Conditions Comments:** Phragmites near north end

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 1

Embankment

- **Embankment Cover** - Not Rated
- **Upstream Embankment** - Not Rated
- **Downstream Embankment** - Not Rated

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Remove phragmites

Additional Photos



Outfall Conveyance with Invasive Phragmites



Trash Rack with Ponding

UMCP19BMP0070 / Denton Quad MB 3

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 11:08 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0070	Inspection Firm:	MES
BMP Type:	Micro-Bioretenion	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Debris buildup in control structure, minor erosion on treatment basin side, sediment accumulation in treatment basin from inflow
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Minor sediment buildup near inflow

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Fair
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Clean out control structure, remove excess sediment, remulch as needed

Additional Photos



Inflow Rip Rap



Control Structure Overall and Minor Erosion



Control Structure Close Up



Control Structure Interior with Debris Buildup



Minor Erosion



Cleanout

UMCP19BMP0075 / Denton

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 2:48 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0075	Inspection Firm:	MES
BMP Type:	Permeable Pavement	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** -
- **Outlet / Control Structure** -
- **Principal Spillway** -

Outfall and Downstream Condition

- **Spillway Outfall** -
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

Additional Photos



Water permeating into surface

UMCP19BMP0076 / Public Health Garden

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 11:01 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0076	Inspection Firm:	MES
BMP Type:	Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photos





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Good

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - Not Rated

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue Routine Maintenance

Additional Photos



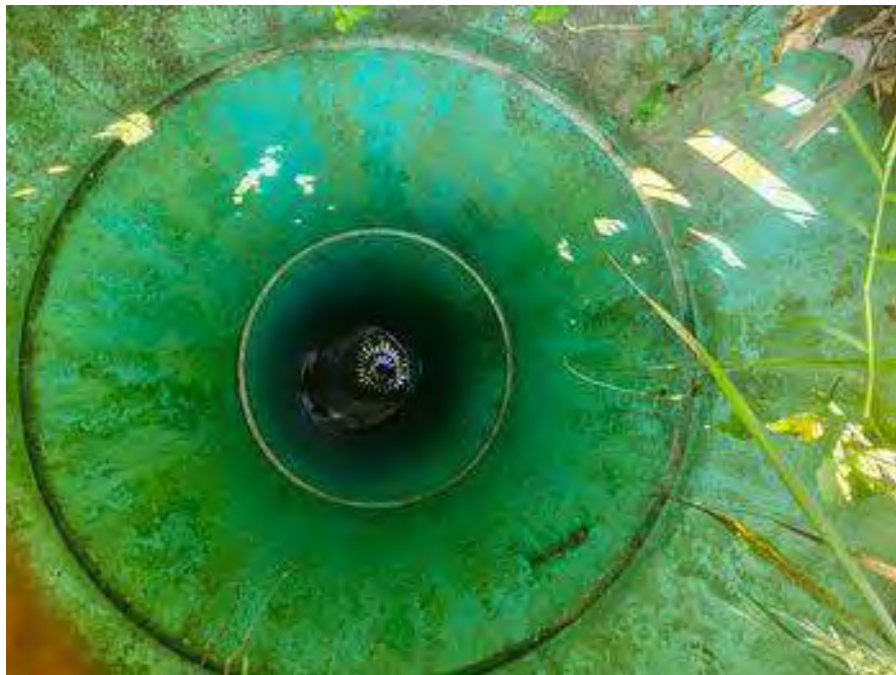
Inflow



Treatment Area by Inflow



Upper Treatment Area



Control Structure Interior



Control Structure Area



Cleanout and Control Structure Area

UMCP19BMP0077 / Public Health Garden

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	10/1/2025	Inspector Initials:	SK,SF, PP
BMP ID:	UMCP19BMP0077	Inspection Firm:	MES
BMP Type:	Rainwater Harvesting	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding – Good /Water Depth** -

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** – N/A
- **Outlet / Control Structure** – N/A
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** – N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue Routine Maintenance

UMCP19BMP0079 / Glenn L Martin Hall

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 1:32 PM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0079	Inspection Firm:	MES
BMP Type:	Permeable Pavements	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - N/A
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - N/A
- **Ponding - /Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** -
- **Outlet / Control Structure** -
- **Principal Spillway** -

Outfall and Downstream Condition

- **Spillway Outfall** -
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

UMCP19BMP0082 / Knight Hall

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	October 1, 2025 11:15 AM	Inspector Initials:	SK,PP
BMP ID:	UMCP19BMP0082	Inspection Firm:	MES
BMP Type:	Rainwater Harvesting	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** -

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** – N/A
- **Downstream Embankment** – N/A

Outlet/Control Structure

- **Low Flow Orifice** – N/A
- **Outlet / Control Structure** – N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

UMCP19BMP0085 / Washington Quad

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	October 1, 2025 1:15 PM	Inspector Initials:	SK,PP
BMP ID:	UMCP19BMP0085	Inspection Firm:	MES
BMP Type:	Rainwater Harvesting	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Site Conditions

- **BMP Access** - Poor
- **Debris & Sediment** - Good
- **Vegetation** - N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Could not Access Underground Storage, could only access Filter

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** -

Embankment

- **Embankment Cover** - N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

Additional Photos



Filtration



UMCP19BMP0086 / CSPAC

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 10:55 AM	Inspector Initials:	ML
BMP ID:	UMCP19BMP0086	Inspection Firm:	MES
BMP Type:	Impervious Surface Elimination (to pervious)	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** -
- **Outlet / Control Structure** -
- **Principal Spillway** -

Outfall and Downstream Condition

- **Spillway Outfall** -
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

UMCP19BMP0089 / Golf Course Pond (lower)

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 29, 2025 10:55 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0089	Inspection Firm:	MES
BMP Type:	Retention Pond (Wet Pond)	Underground BMP?	No
BMP Status	Fail	Overall Inspection Comment:	Spillway outfall redirected completely by collapsed embankment, heavily sedimented west side, woody vegetation within embankment and buffer
Maintenance Level	Major Maintenance (Use of Heavy Machinery for Repairs)		

Overall Photo



Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Poor
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Pond heavily sedimented on west side, young woody vegetation (willow oak) growing in concrete embankment

Inflow and Forebay

- **Inflow Condition** - Poor
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Poor
- **Ponding** - Good/**Water Depth** - 0

Embankment

- **Embankment Cover** - Poor
- **Upstream Embankment** - Poor
- **Downstream Embankment** - Poor

Outlet/Control Structure

- **Low Flow Orifice** - Not Rated
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - Poor

Outfall and Downstream Condition

- **Spillway Outfall** - Poor
- **Downstream Condition** - Poor

BMP Status - Fail

Maintenance Level - Major Maintenance (Use of Heavy Machinery for Repairs)

Maintenance & Remediation Recommendations

Repair collapsed concrete embankment, remove woody vegetation on and within buffer of embankment, clean out sedimented west side of pond

Additional Photos



Collapsed concrete spillway



Stone fill beneath collapsed concrete spillway



Stone fill beneath collapsed concrete spillway



Spillway outfall



Downstream Embankment



Upstream embankment



Cracks within concrete spillway. Golfcart path constructed on top.



Upstream slope



Downstream embankment

UMCP19BMP0090 / Lot UU Bioretention

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2025 1:56 PM	Inspector Initials:	SK,SD
BMP ID:	UMCP19BMP0090	Inspection Firm:	MES
BMP Type:	Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP Overgrown and Needs Maintenance
Maintenance Level	Major Maintenance (Use of Heavy Machinery for Repairs)		

Overall Photo





Site Conditions

- **BMP Access** - Fair
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Invasive phragmites and overgrown vegetation

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - Fair

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Fair
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level - Major Maintenance (Use of Heavy Machinery for Repairs)

Maintenance & Remediation Recommendations

Trim vegetation

Additional Photos



Overgrown Vegetation



Forebay

UMCP19BMP0091 / Regents Drive Bioretention

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2025 1:38 PM	Inspector Initials:	SK,SD
BMP ID:	UMCP19BMP0091	Inspection Firm:	MES
BMP Type:	Bioretention	Underground BMP?	No
BMP Status	Fail	Overall Inspection Comment:	BMP failing
Maintenance Level	Rebuild / Redesign (Use of engineering design to redesign or completely rebuild the facility)		

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Poor
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Sediment accumulation too high. Structure not functioning

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Poor
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - N/A

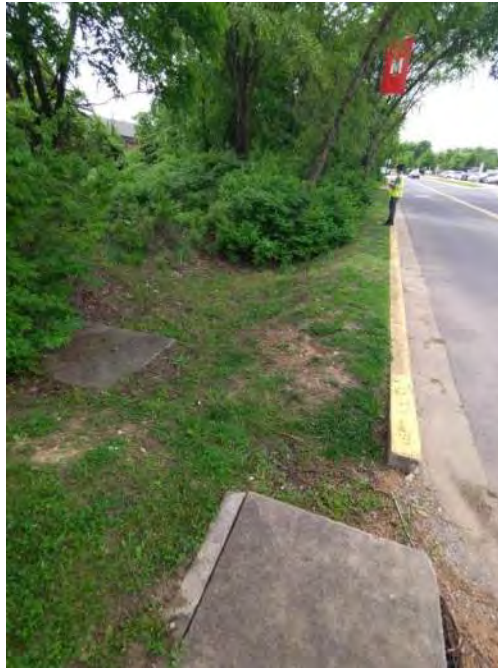
BMP Status - Fail

Maintenance Level - Rebuild / Redesign (Use of engineering design to redesign or completely rebuild the facility)

Maintenance & Remediation Recommendations

Regrade BMP, Remove Overgrown Vegetation

Additional Photos



Treatment Area

UMCP19BMP0093 / Regents Drive Bioretention

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2025 1:47 PM	Inspector Initials:	SK,SD
BMP ID:	UMCP19BMP0093	Inspection Firm:	MES
BMP Type:	Bioretention	Underground BMP?	No
BMP Status	Fail	Overall Inspection	BMP Failing
Maintenance Level	Rebuild / Redesign (Use of engineering design to redesign or completely rebuild the facility)	Comment:	

Overall Photo





Site Conditions

- **BMP Access** - Poor
- **Debris & Sediment** - Fair
- **Vegetation** - Poor
- **BMP Contamination** - Not Rated
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Fair
- **Ponding - Good/Water Depth** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - Not Rated

BMP Status - Fail

Maintenance Level - Rebuild / Redesign (Use of engineering design to redesign or completely rebuild the facility)

Maintenance & Remediation Recommendations

Regrade BMP

UMCP19BMP0098 / Artificial Turf Field

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 9:57 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0098	Inspection Firm:	MES
BMP Type:	Retention Pond (Wet Pond)	Underground BMP?	No
BMP Status	Fail	Overall Inspection	BMP
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)	Comment:	

Overall







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Pond infested with phragmites and cattails, and invasive princess tree has grown on the north side of the pond.

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - Good

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - Good

BMP Status - Fail

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Remove invasive cattails, phragmites, and princess tree (tree on northernmost part of treatment area).

Additional Photos



Inflow with Overgrown Vegetation



Overgrown Vegetation in Rip Rap



Overgrown Invasive Phragmites



Downstream Condition

UMCP19BMP0106 / Shuttle Bus

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 10:04 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0106	Inspection Firm:	UMD
BMP Type:	Retention Pond (Wet Pond)	Underground BMP?	No
BMP Status	Fail	Overall Inspection Comment:	Some erosion at principal spillway. Facility overgrown
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photos





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Invasive Cattails

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - Good

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Fair

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - Good

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Repair erosion at principal spillway, remove invasive cattails

Additional Photos



Inflow



Principal Spillway with Erosion



Invasive Cattails in Treatment Area

UMCP19BMP0109 / Metzerott Rd. and Greenmead Dr.

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 1:52 PM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0109	Inspection Firm:	MES
BMP Type:	Retention Pond (Wet Pond)	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Plastic bottle partially blocking low flow, overgrown vegetation blocking inflow
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Fair
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Good

Outlet/Control Structure

- **Low Flow Orifice** - Fair
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - Good

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Clear out overgrown herbaceous vegetation blocking inflow and remove plastic bottle obstructing low flow

Additional Photos



Inflow Channel to Treatment Area



Overgrown Vegetation Blocking Inflow



Inflow Close Up with Overgrown Vegetation



Upstream Embankment



Control Structure with Low Flow Orifice Blockage



Downstream Embankment and Downstream Condition

UMCP19BMP0112 / Golf Course Parking Lot

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 11:42 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0112	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Fail	Overall Inspection Comment:	Cracking in outfall channel, severe erosion into large gullies in treatment area undermines outfall channel completely, woody vegetation in treatment basin and on inflow rip rap, collapsed inflow pipe
Maintenance Level	Major Maintenance (Use of Heavy Machinery for Repairs)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Woody vegetation in treatment basin, debris from roadway in basin

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Poor
- **Ponding** - Not Rated/**Water Depth** -

Embankment

- **Embankment Cover** - Not Rated
- **Upstream Embankment** - Poor
- **Downstream Embankment** - Not Rated

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - Poor

BMP Status - Fail

Maintenance Level - Major Maintenance (Use of Heavy Machinery for Repairs)

Maintenance & Remediation Recommendations

Repair major erosion near upstream embankment, clear vegetation to locate control structure, repair inflow pipe

Additional Photos



Collapsed Inflow Pipe with Discharge to Treatment Area



Collapsed Inflow Pipe Close Up



Collapsed Inflow Pipe Overall



Erosion in Treatment Area



Eroded Channel Near Outfall 1



Eroded Channel Near Outfall 2



Cracked Outfall



Overgrown Rip Rap



Cracked Outfall Entrance

UMCP19BMP0124 / Prince Frederick Hall Bioretention Cell 1

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 3:43 PM	Inspector Initials:	PRW
BMP ID:	UMCP19BMP0124	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Heavily vegetated
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo



Site Conditions

- **BMP Access** - Poor
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A
- **Inflow Comments** – Heavily vegetated

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** – Good /**Water Depth** - 0

Embankment

- **Embankment Cover** - Fair
- **Upstream Embankment** - Fair
- **Downstream Embankment** – N/A
- **Embankment Cover** – Remove unplanned vegetation and trim planned vegetation.

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated
- **Control Structure Comments** – Could not access, heavily vegetated

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level – Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Remove some vegetation, especially around access to serviceable features

Additional Photos



Inflow

UMCP19BMP0125 / Prince Frederick Hall Bioretention Cell 2

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 3:42 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0125	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Mild erosion on upstream embankment and broken inflow pipe
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo



Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Bare patches and mild erosion on embankment and north berm

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** - 0

Embankment

- **Embankment Cover** - Fair
- **Upstream Embankment** - Fair
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Stabilize and reseed/remulch embankment/berms, repair inflow pipe

Additional Photos



Cleanout



Bare area on slope



Inflow



Damaged inflow pipe



Control Structure



Principal Spillway



Bare area on slope

UMCP19BMP0129 / North side of Reckord Armory

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 3:15 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0129	Inspection Firm:	MES
BMP Type:	Rain Gardens	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** – Good /**Water Depth** – 0ft

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** – N/A
- **Downstream Embankment** – N/A

Outlet/Control Structure

- **Low Flow Orifice** – N/A
- **Outlet / Control Structure** – N/A
- **Principal Spillway** – N/A

Outfall and Downstream Condition

- **Spillway Outfall** – N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

Additional Photos



Inflow sheetflow



Inflow sheetflow

UMCP19BMP0144 / North East corner of Golf Course parking Lot

Stormwater Management Facility BMP Inspections

Inspection Data

Date of Inspection:	July 28, 2025 11:26 AM	Inspector Initials:	PRW
BMP ID:	UMCP19BMP0144	Inspection Firm:	MES
BMP Type:	Rain Gardens	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Heavily vegetated/poison ivy
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo





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Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Poor
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Heavily vegetated/Poison Ivy

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 0

Embankment

- **Embankment Cover** - Fair
- **Upstream Embankment** - Fair
- **Downstream Embankment** - Fair

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Remove some vegetation/poison ivy, remove debris at parking lot inflow

Additional Photos



Parking Lot Inflow



Overgrown Rip Rap 1



Overgrown Rip Rap 2

UMCP19BMP0146 / Northwest Corner of Golf Course Parking Lot

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 11:56 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0146	Inspection Firm:	MES
BMP Type:	Rain Gardens	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Unable to locate control structure, minor sediment buildup at sheet inflow from parking lot
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo







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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Trim back vegetation to locate control structure if present

Additional Photos



Observation Well



Minor Sediment Buildup in Sheet Inflow 1



Minor Sediment Buildup in Sheet Inflow 2

UMCP19BMP0147 / Southwest Corner of Golf Course Parking Lot

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 11:56 AM	Inspector Initials:	PRW
BMP ID:	UMCP19BMP0147	Inspection Firm:	MES
BMP Type:	Rain Gardens	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Heavily vegetated, most likely affecting storage capacity
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Poor
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Heavily vegetated

Inflow and Forebay

- **Inflow Condition** - Not Rated
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Not Rated/**Water Depth** - 0

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Good

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Remove some vegetation, especially to expose serviceable features

Additional Photos



West Side of Rain Garden



Sediment Buildup Near Rain Garden

UMCP19BMP0152 / Lot GG MB5

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 10:40 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0152	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Excess vegetation above principal spillway near upstream embankment
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Good

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Fair

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Remove excess vegetation above principal spillway around upstream embankment

Additional Photos



Inflow from parking lot



Monitoring well



Control structure



Principal spillway



Upstream embankment

UMCP19BMP0153 / Lot GG MB3

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 10:13 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0153	Inspection Firm:	MES
BMP Type:	Micro-Bioretenention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Moderate erosion on berm near picnic tables, small weeds in rip rap, broken inflow pipe from picnic tables
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Fill erosion on berm, fix broken inflow pipe

Additional Photos



Inflow 1 (pipe)



Broken inflow 1 pipe



Erosion on south berm



Upstream embankment



Principal spillway



Control structure



Monitoring well



Inflow 2 (from lot)

UMCP19BMP0154 / Lot GG MB4

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 10:22 AM	Inspector Initials:	PRW
BMP ID:	UMCP19BMP0154	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Heavily vegetated in conveyance and inflow
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Vegetation may be affecting storage capacity

Inflow and Forebay

- **Inflow Condition** - Poor
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 0

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - Good

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Remove some vegetation/fragmites/debris

Additional Photos



Inflow



Control structure



Principal spillway



Upstream embankment

UMCP19BMP0166 / Severn Stormceptor

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 29, 2025 11:43 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0166	Inspection Firm:	MES
BMP Type:	Other	Underground BMP?	Yes
BMP Status	Pass	Overall Inspection Comment:	Stormceptor sedimented and odor present in water
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - N/A
- **BMP Contamination** - Fair
- **General Site Conditions Comments:** Odor present but could be due to old water, stormceptor bottom is sedimented

Inflow and Forebay

- **Inflow Condition** - N/A
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - N/A
- **Ponding - Good/Water Depth** - 7.3

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Remove sediment and investigate potential contamination

Additional Photos



Water surface within stormceptor



Water depth

UMCP19BMP0238 / Wellness Way Bio-Swale

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 10:42 AM	Inspector Initials:	SK,SF
BMP ID:	UMCP19BMP0238	Inspection Firm:	MES
BMP Type:	Bio-Swale	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Inflow has active Illicit Discharge causing some ponding in BMP area.
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo







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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Good
- **BMP Contamination** - Fair
- **General Site Conditions Comments:** BMP has some excess sediment and water in treatment area

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Fair/**Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - Not Rated

BMP Status - Pass

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Investigate source of dry weather flow and eliminate.

Additional Photos



Inflow 1 Area with Active dry weather flow



Inflow 1 with Active dry weather flow Close Up



Dry weather flow Close Up in Inflow 1 Rip Rap



Inflow 1 Rip Rap Overall



Upper Treatment Area with Ponding



Lower Treatment area with Ponding



Control Structure



Inflow 2 Rip Rap

UMCP19BMP0239 / Presidents House Disconnect 1

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 1:20 PM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0239	Inspection Firm:	MES
BMP Type:	Disconnection of Non-Rooftop Runoff	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** -
- **Outlet / Control Structure** -
- **Principal Spillway** -

Outfall and Downstream Condition

- **Spillway Outfall** -
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue routine maintenance

Additional Photos



Sheet inflow

UMCP19BMP0241 / Brendan Iribe 1

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 10:39 AM	Inspector Initials:	PRW
BMP ID:	UMCP19BMP0241	Inspection Firm:	MES
BMP Type:	Micro-Bioretenion	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Heavily vegetated, could not locate inflow
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Poor
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Poor
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 0

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Remove vegetation at inflow

Additional Photos



Control structure



Principal spillway



Upstream embankment

UMCP19BMP0242 / Brendan Iribe 2

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 10:16 AM	Inspector Initials:	SM,SF
BMP ID:	UMCP19BMP0242	Inspection Firm:	MES
BMP Type:	Micro-Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in good condition, with only minor erosion in inflow channels
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** - 0

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - Good
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

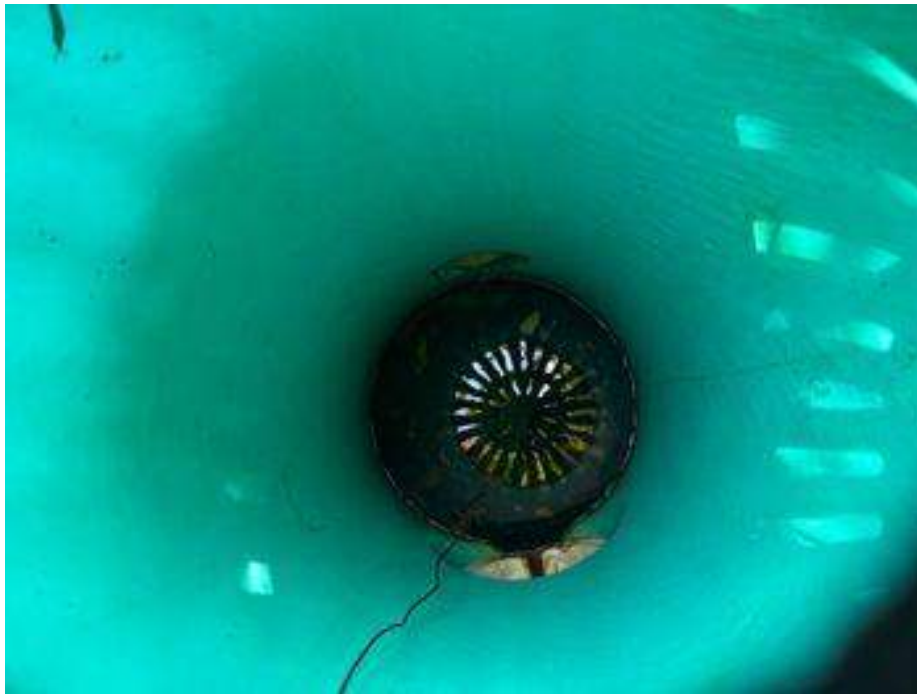
BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Monitor erosion and sedimentation in inflow channels, continue routine trimming of treatment area vegetation

Additional Photos



Principal spillway



Control structure and monitoring well



Upstream embankment



Inflow angle 1



Inflow angle 2

UMCP19BMP0243 / Brendan Iribe 3

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 10:15 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0243	Inspection Firm:	MES
BMP Type:	Bio-Swale	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP well maintained and in good condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





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Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - Good

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

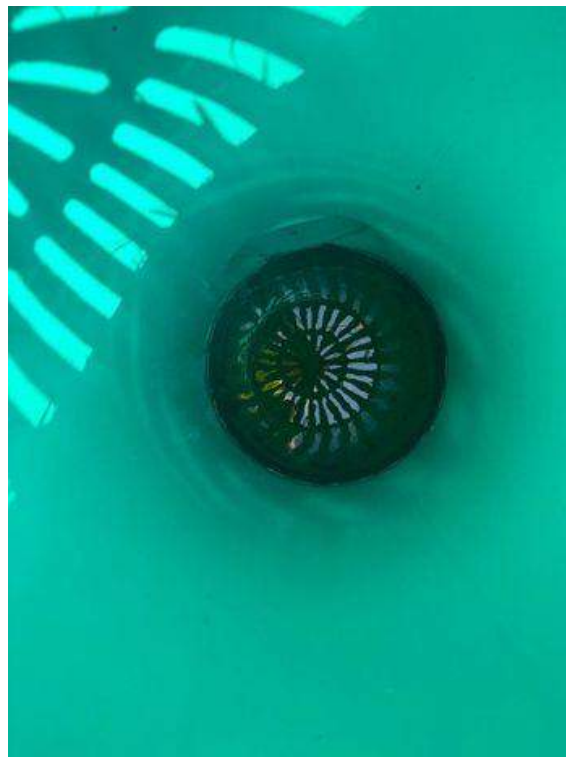
Maintenance & Remediation Recommendations

BMP in good condition, continue routine maintenance

Additional Photos



Control structure 1



Control structure 1 principal spillway



Embankment at control structure 1



Control structure 2



Principal Spillway



Embankment at control structure 2



Weir wall from forebay



Inflow into forebay



Pipe at inflow



Forebay



Sheet inflow

UMCP19BMP0244 / Brendan Iribe 4

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 10:44 AM	Inspector Initials:	SM,SF
BMP ID:	UMCP19BMP0244	Inspection Firm:	MES
BMP Type:	Permeable Pavements	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - N/A
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - N/A
- **Ponding - /Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** -
- **Outlet / Control Structure** -
- **Principal Spillway** -

Outfall and Downstream Condition

- **Spillway Outfall** -
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Additional Photos



Water test flows into pervious surface



Outflow

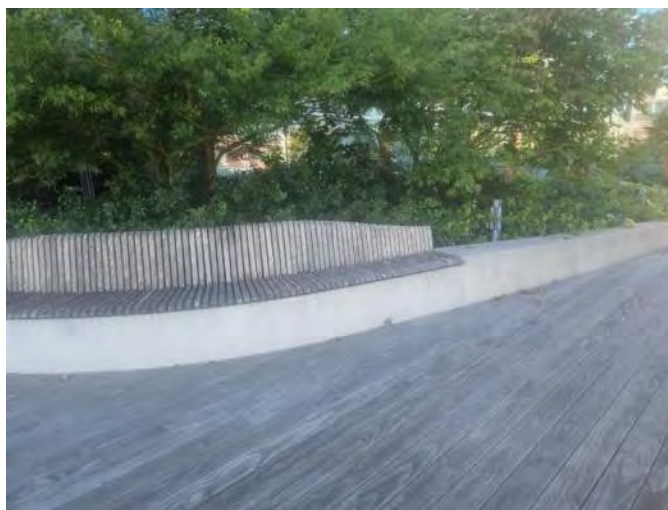
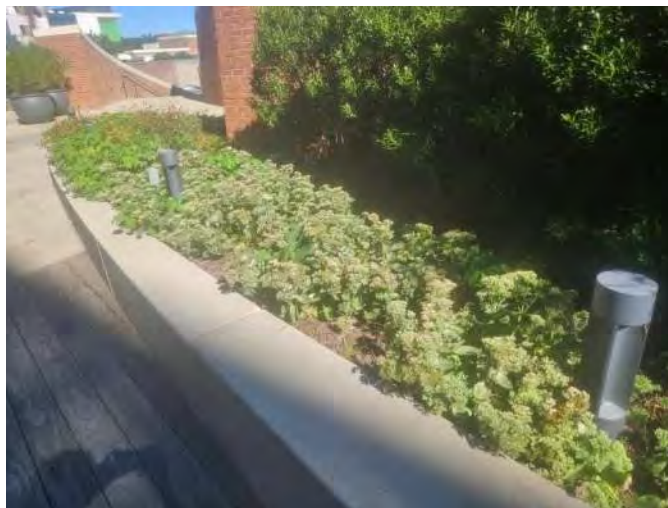
UMCP19BMP0245 / Brendan Iribe 5

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	August 26, 2025 11:02 AM	Inspector Initials:	SK,PP
BMP ID:	UMCP19BMP0245	Inspection Firm:	UMD
BMP Type:	Green Roof - Extensive	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - N/A
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding – Good /Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue Routine Maintenance

Additional Photos



Overall from elevated view

UMCP19BMP0248 / Service Building Bioretention

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 11:10 AM	Inspector Initials:	SM
BMP ID:	UMCP19BMP0248	Inspection Firm:	MES
BMP Type:	Bioretention	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Lacking vegetation (which may be intentional), some minor dirt piles from ants or other animals
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo





Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Lacking vegetation in treatment basin; could be by design

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

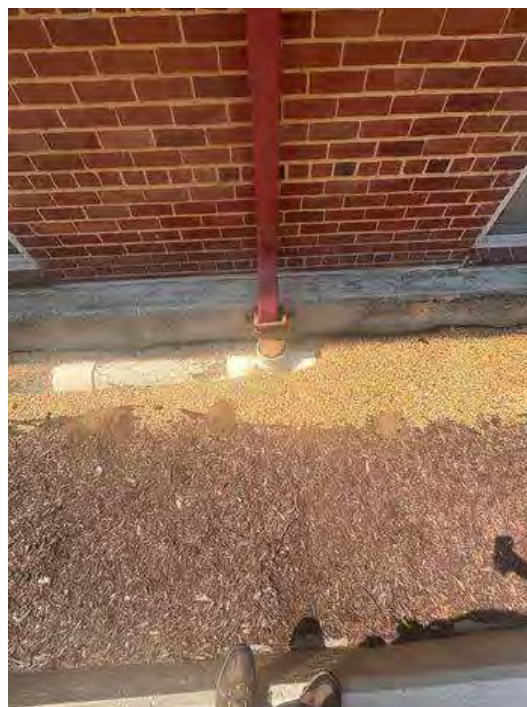
Maintenance & Remediation Recommendations

Plant if necessary, remove excess sediment from animals

Additional Photos



East forebay



Inflow pipe from rooftop



Monitoring well with emergency spillway and dirt piles in treatment basin



Inside of monitoring well

UMCP19BMP0249 / Campus Creek Restoration

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2024 11:18 AM	Inspector Initials:	SK,SD
BMP ID:	UMCP20BMP0259	Inspection Firm:	MES
BMP Type:	Stream Restoration	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Remove Fallen Trees from Channel and Repair Erosion
Maintenance Level	Minor Maintenance		

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Some erosion on the northern bank

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** - Good

Embankment

- **Embankment Cover** - N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - Good

BMP Status - Pass

Maintenance Level - Minor Maintenance

Maintenance & Remediation Recommendations

Remove Fallen Trees from Stream and Repair Erosion

Additional Photos



Intermittent Inflow Channel



Main Stem



Downed Trees in Channel



Inflow



Downed Tree



Armored Channel



Outfall from Parking Garage



Step Pools at Outfall Channel



Riffle



Upstream Channel



Main Stem



Erosion along Northern Bank



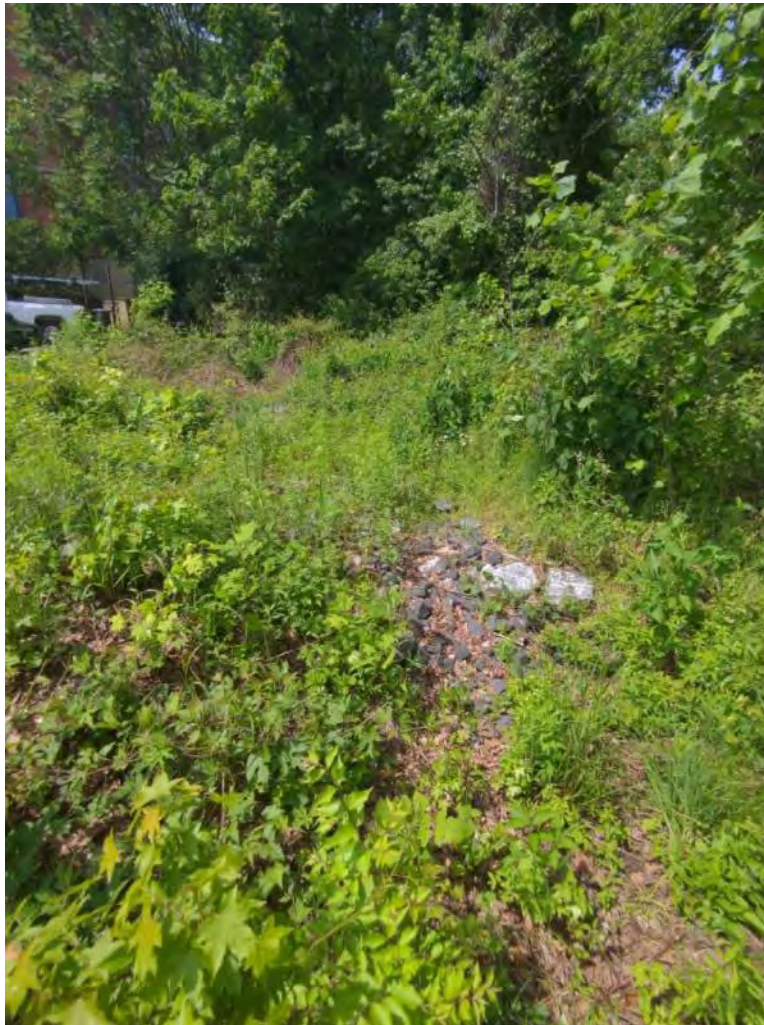
Parking Lot Inflow

UMCP19BMP0250 / Campus Creek Regenerative Step Pool Conveyance Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2025 1:47 PM	Inspector Initials:	SK,SD
BMP ID:	UMCP19BMP0250	Inspection Firm:	MES
BMP Type:	SPSC	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Debris in Channel, and some Invasive Vegetation
Maintenance Level	Minor Maintenance		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** – Fair
- **Vegetation** - Fair
- **BMP Contamination** - Not Rated
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Fair
- **Ponding - Good/Water Depth** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level – Minor Maintenance

Maintenance & Remediation Recommendations

Clear Debris and Invasive Vegetation

Additional Photos:



Debris in Channel



Invasive Vegetation in Channel

UMCP20BMP0251 / Fire Station Infiltration Trench

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 30, 2025 9:52 AM	Inspector Initials:	SM,SF
BMP ID:	UMCP20BMP0251	Inspection Firm:	MES
BMP Type:	Infiltration Trench	Underground BMP?	No
BMP Status	Fail	Overall Inspection Comment:	Outfall pipe and rip rap heavily clogged due to sediment, treatment area severely overgrown
Maintenance Level	Minor Maintenance (Use of Hand Equipment for Repairs)		

Overall Photo



Site Conditions

- **BMP Access** - Fair
- **Debris & Sediment** - Poor
- **Vegetation** - Fair
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Outfall heavily sedimented, treatment area extremely overgrown

Inflow and Forebay

- **Inflow Condition** - Not Rated
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Poor
- **Principal Spillway** - Poor

Outfall and Downstream Condition

- **Spillway Outfall** - Poor
- **Downstream Condition** - Good

BMP Status - Fail

Maintenance Level - Minor Maintenance (Use of Hand Equipment for Repairs)

Maintenance & Remediation Recommendations

Clear sediment and overgrowth from outfall and rip rap, clear out overgrowth from treatment area

Additional Photos



Outflow conditions



Clogged outflowing pipe

UMCP20BMP0252 / Fire Station WQ Inlet 1

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	October 1, 2025 2:35 PM	Inspector Initials:	SK,PP
BMP ID:	UMCP20BMP0252	Inspection Firm:	MES
BMP Type:	Other	Underground BMP?	Yes
BMP Status	Pass	Overall Inspection	BMP in Good Condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)	Comment:	

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** – N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** – Good /**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue Routine Maintenance

UMCP20BMP0253 / Fire Station WQ Inlet 2

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	October 1, 2025 2:40 PM	Inspector Initials:	SK,PP
BMP ID:	UMCP20BMP0253	Inspection Firm:	MES
BMP Type:	Other	Underground BMP?	Yes
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** – N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** – Good /**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue Routine Maintenance

UMCP19BMP0255 / Plant Sciences WQ Inlet

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 25, 2025 12:09 PM	Inspector Initials:	SK,SF
BMP ID:	UMCP20BMP0255	Inspection Firm:	MES
BMP Type:	Other	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Monitor algal growth in principal spillway
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo



Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Minor algal growth in principal spillway

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** - Not Rated

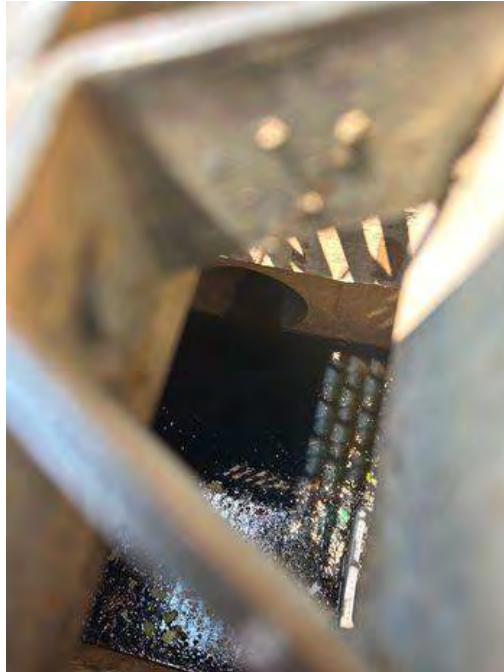
BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Monitor algal growth in principal spillway

Additional Photos



Spillway and Minor Algal Growth A



Spillway and Minor Algal Growth B

UMCP20BMP0280 / Severn Building Micro-Bioretenion Area

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	July 28, 2025 2:34 PM	Inspector Initials:	SM
BMP ID:	UMCP20BMP0280	Inspection Firm:	MES
BMP Type:	Micro-Bioretenion	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Excess debris and sediment buildup at inflow and control structures
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo



Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Fair
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:** Debris and sediment buildup at inflows

Inflow and Forebay

- **Inflow Condition** - Fair
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** - Good/**Water Depth** -

Embankment

- **Embankment Cover** -
- **Upstream Embankment** -
- **Downstream Embankment** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Fair
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

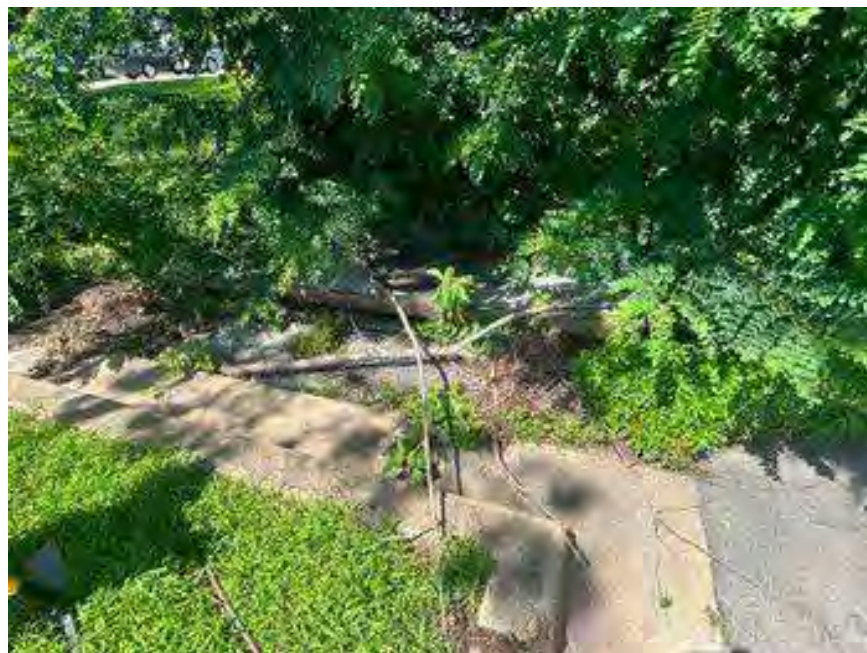
Maintenance & Remediation Recommendations

Remove excess debris and sediment

Additional Photos



Inflow 1



Control structure



Principal spillway



Inflow 2



Inflow 3

UMCP20BMP0281 / Greenmeade North Stormceptor

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	October 1, 2025 2:01 PM	Inspector Initials:	SK,PP
BMP ID:	UMCP20BMP0281	Inspection Firm:	MES
BMP Type:	Underground Filter	Underground BMP?	Yes
BMP Status	Pass	Overall Inspection	BMP in Good Condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)	Comment:	

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** – N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** – Good /**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue Routine Maintenance

UMCP19BMP0290 / Campus Creek Regenerative Step Pool Conveyance
 Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2025 1:56 PM	Inspector Initials:	SK,SD
BMP ID:	UMCP19BMP0290	Inspection Firm:	MES
BMP Type:	SPSC	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	Invasive Phragmites in Channel
Maintenance Level	Minor Maintenance		

Overall Photo







Wes Moore GOVERNOR

Aruna Miller LT. GOVERNOR

Charles Glass, Ph.D., P.E. EXECUTIVE DIRECTOR

Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** – Good
- **Vegetation** - Fair
- **BMP Contamination** - Not Rated
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - Good/Water Depth** -

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Not Rated
- **Principal Spillway** - Not Rated

Outfall and Downstream Condition

- **Spillway Outfall** - Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level – Minor Maintenance

Maintenance & Remediation Recommendations

Clear Invasive Vegetation

Additional Photos:



Rock Weir



Invasive Vegetation in Channel

UMCP20BMP0291 / Campus Creek Stormwater Bar

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2024 11:07 AM	Inspector Initials:	SK,SD
BMP ID:	UMCP20BMP0291	Inspection Firm:	MES
BMP Type:	Stormwater Bar	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition, Very Minor Erosion in Treatment Area
Maintenance Level	Routine Maintenance		

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** - Good

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** – Good

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** – N/A
- **Principal Spillway** – N/A

Outfall and Downstream Condition

- **Spillway Outfall** – N/A
- **Downstream Condition** – Good

BMP Status - Pass

Maintenance Level - Routine Maintenance

Maintenance & Remediation Recommendations

Continue Routine Maintenance

Additional Photos



Downstream Conditions

UMCP25BMP0332 / Campus Creek Phase 2

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2024 10:23 AM	Inspector Initials:	SK,SD
BMP ID:	UMCP25BMP0332	Inspection Firm:	MES
BMP Type:	Stream Restoration	Underground BMP?	No
BMP Status	Pass	Overall Inspection	BMP in Good Condition
Maintenance Level	Routine Maintenance	Comment:	

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** - Good

Embankment

- **Embankment Cover** - N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - N/A

Outfall and Downstream Condition

- **Spillway Outfall** - N/A
- **Downstream Condition** - Good

BMP Status - Pass

Maintenance Level - Routine Maintenance

Maintenance & Remediation Recommendations

Continue Routine Maintenance

Additional Photos



Stream Gauge





Upstream of Regents Dr



Riffle



Soil Stabilization Matting and Bank



Main Stem



Armored Riffle



Armored Riffle



Stream Banks



Phase 1 Confluence

UMCP25BMP0333 / Lot R3 Underground Retention

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	October 1, 2025 2:01 PM	Inspector Initials:	SK,PP
BMP ID:	UMCP25BMP0333	Inspection Firm:	MES
BMP Type:	Extended Detention Structure, Dry	Underground BMP?	Yes
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition
Maintenance Level	Routine Maintenance (Only needs Routine Maintenance)		

Overall Photo



Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** – N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding** – Good /**Water Depth** - 0

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** - N/A
- **Downstream Embankment** - N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - N/A
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** - Good
- **Downstream Condition** - N/A

BMP Status - Pass

Maintenance Level - Routine Maintenance (Only needs Routine Maintenance)

Maintenance & Remediation Recommendations

Continue Routine Maintenance

Additional Photos



UMCP25BMP0334 / Lot R3 BayFilter

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2024 1:32 PM	Inspector Initials:	SK,SD
BMP ID:	UMCP25BMP0334	Inspection Firm:	MES
BMP Type:	Underground Filter	Underground BMP?	Yes
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition
Maintenance Level	Routine Maintenance		

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** – N/A
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** - Good

Embankment

- **Embankment Cover** – N/A
- **Upstream Embankment** – N/A
- **Downstream Embankment** – N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** – Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level - Routine Maintenance

Maintenance & Remediation Recommendations

Continue Routine Maintenance

Additional Photos



Lot R3 Location

UMCP25BMP0335 / Softball Player Development SGW

Stormwater Management Facility BMP Inspection

Inspection Data

Date of Inspection:	May 12, 2024 2:07 PM	Inspector Initials:	SK,SD
BMP ID:	UMCP25BMP0335	Inspection Firm:	MES
BMP Type:	Submerged Gravel Wetland	Underground BMP?	No
BMP Status	Pass	Overall Inspection Comment:	BMP in Good Condition
Maintenance Level	Routine Maintenance		

Overall Photo





Site Conditions

- **BMP Access** - Good
- **Debris & Sediment** - Good
- **Vegetation** - Good
- **BMP Contamination** - Good
- **General Site Conditions Comments:**

Inflow and Forebay

- **Inflow Condition** - Good
- **Forebay** - N/A

Treatment Area

- **Conveyance Stability** - Good
- **Ponding - /Water Depth** - Good

Embankment

- **Embankment Cover** - Good
- **Upstream Embankment** - Good
- **Downstream Embankment** – N/A

Outlet/Control Structure

- **Low Flow Orifice** - N/A
- **Outlet / Control Structure** - Good
- **Principal Spillway** - Good

Outfall and Downstream Condition

- **Spillway Outfall** – Not Rated
- **Downstream Condition** – Not Rated

BMP Status - Pass

Maintenance Level - Routine Maintenance

Maintenance & Remediation Recommendations

Continue Routine Maintenance

Additional Photos



Principal Spillway



Upstream of Regents Dr



Control Structure



Minor Slumping

ATTACHMENT C
RESTORATION ACTIVITY SCHEDULE

Phase II MS4 Restoration Activity Schedule

Total Acreage (1327); Impervious Acre Baseline (409.7); 20% Restoration Target (89.1 acres)

Type of Restoration Project	BMP Code	BMP ID	Cost (\$K)	Imperv Acres Treated	Imperv Acre Target and Balance	Project Status	Year Complete or Projected Implementation Year (by 2025)	MD Grid Coordinates (Northing/Easting)	
					81.9				
IBBR Outfall Stabilization	OUT	USG19BMP00004		0.50	81.40	C	2006	158456.27	382786.21
University House Southern Micro-Bioretenion	MMBR	UMCP19BMP0040		0.03	81.37	C	2011	146679.14	404093.23
Denton Courtyard Micro-Bioretenion	MMBR	UMCP19BMP0122		0.10	81.27	C	2012	147179.85	404313.09
Shuttle Facility Green Roof	AGRE	UMCP19BMP0016		0.11	81.16	C	2012	147510.65	405436.50
Shuttle Facility Green Roof	AGRE	UMCP19BMP0017		0.11	81.05	C	2012	147512.86	405458.48
Shuttle Facility Dry Swale	ODSW	UMCP19BMP0026		1.71	79.34	C	2012	147485.93	405590.45
Heavy Equipment Building Micro-Bioretenion	MMBR	UMCP19BMP0055		0.10	79.24	C	2012	147573.67	404943.77
Denton Dining Micro-Bioretenion	MMBR	UMCP19BMP0059		0.24	79.00	C	2012	147173.55	404348.39
Denton Quad Micro-Bioretenion 3	MMBR	UMCP19BMP0070		0.07	78.93	C	2012	147151.76	404275.04
Shuttle Bus Pond	PWET	UMCP19BMP0106		0.14	78.79	C	2012	147494.20	405574.94
Physical Science Complex Green Roof	AGRE	UMCP19BMP0078		0.21	78.58	C	2013	147002.04	405068.40
Computer and Space Sciences Green Roof	AGRE	UMCP19BMP0049		0.08	78.50	C	2013	147031.24	405023.82
Prince Frederick Hall Micro-Bioretenion Cell 1	MMBR	UMCP19BMP0124		0.14	78.36	C	2014	146101.64	404687.09
Impervious Surface Removal to Pervious 4100 Metzertott Rd	IMPP	UMCP20BMP0288		0.17	78.19	C	2016	148038.42	405387.54
West Side of Edward St. John Green Roof	AGRE	UMCP19BMP0157		0.06	78.13	C	2017	146559.97	405023.75
West Side of Edward St. John Green Roof	AGRE	UMCP19BMP0158		0.06	78.07	C	2017	146560.89	405040.90
Impervious Surface Removal to Pervious 4109 Metzertott Rd	IMPP	UMCP20BMP0289		0.03	78.05	C	2017	147899.26	405369.20
Clark Hall Bioretention 1	MMBR	UMCP19BMP0231	6.2	0.33	77.72	C	2017	147129.96	405375.41
Clark Hall Micro-Bioretenion 2	MMBR	UMCP19BMP0232		0.29	77.43	C	2017	147109.93	405375.62
M Square SGW 1	MSGW	UMCP20BMP0258		1.86	75.57	C	2018	144408.70	405905.68
M Square SGW 2	MSGW	UMCP20BMP0259		0.72	74.85	C	2018	144567.14	405880.11
M Square MBR1	MMBR	UMCP20BMP0260		0.35	74.50	C	2018	144555.93	406065.15
A.V. Williams Micro-Bioretenion	MMBR	UMCP19BMP0152		0.27	74.23	C	2018	146930.84	405581.69
A.V. Williams Micro-Bioretenion	MMBR	UMCP19BMP0153		0.14	74.09	C	2018	147007.47	405562.48
A.V. Williams Micro-Bioretenion	MMBR	UMCP19BMP0154		0.31	73.78	C	2018	146975.71	405568.77
Brendan Iribe Micro-Bioretenion 1	MMBR	UMCP19BMP0241		0.27	73.51	C	2019	146906.29	405596.76
Brendan Iribe Micro-Bioretenion 2	MMBR	UMCP19BMP0242		0.32	73.19	C	2019	146855.63	405574.14
Brendan Iribe 4	APRP	UMCP19BMP0244		0.15	73.04	C	2019	146849.94	405510.90
Brendan Iribe 5	AGRI	UMCP19BMP0245		0.14	72.90	C	2019	146819.29	405548.24
Campus Creek Stream Restoration Phase 1	STRE	UMCP19BMP0249	1200	104.80	-31.91	C	2019	147429.67	404606.19
Regenerative Step Pool Conveyance	SPSC	UMCP19BMP0250		0.58	-32.49	C	2019	147431.84	404451.93
Regenerative Step Pool Conveyance	SPSC	UMCP20BMP0290		0.31	-32.80	C	2019	147441.85	404475.02
Stormwater Bar	OUT	UMCP20BMP0291		0.13	-32.93	C	2019	147345.11	404978.06
Wooded Hilllock Impervious Removal 3	IMPP	UMCP21BMP0296		0.02	-32.95	C	2020	147957.18	404955.17
Wooded Hilllock Impervious Removal 2	IMPP	UMCP21BMP0297		0.02	-32.96	C	2020	147940.09	404868.38
Wooded Hilllock Impervious Removal 1	IMPP	UMCP21BMP0298		0.05	-33.01	C	2020	147868.97	404758.74
Knight Hall	MRWH	UMCP19BMP0082		0.39	-33.40	C	2020	146527.74	404476.54
Cole Field House Impervious Removal	IMPP	UMCP21BMP0300		2.30	-35.70	C	2021	146705.18	404486.51
4103 Metzertott Rd Impervious Removal	IMPP	UMCP21BMP0299		0.07	-35.77	C	2021	147959.30	405348.54
Presidents house Disconnect 1	NDNR	UMCP19BMP0239		0.01	-35.78	C	2021	146721.81	404139.61
Prince Frederick Hall Bioretention Cell 2	MMBR	UMCP19BMP0125	45.2	0.33	-36.11	C	2022	146116.11	404734.63
Brendan Iribe 3	MSWB	UMCP19BMP0243		0.19	-36.30	C	2023	146803.50	405608.07
School of Public Policy Bioretention 1	MMBR	UMCP22BMP0321		0.16	-36.46	C	2023	146340.64	405239.55
School of Public Policy Bioretention 2	MMBR	UMCP22BMP0322		0.30	-36.76	C	2023	146385.29	405356.00
School of Public Policy Pocket Wetland 1	WPKT	UMCP22BMP0323		0.55	-37.31	C	2023	146347.72	405349.05
School of Public Policy Non-Rooftop Disconnect 1	NDNR	UMCP22BMP0324		0.04	-37.35	C	2023	146304.01	405341.42
Cole Field House Green Roof 1	AGRI	UMCP21BMP0292		0.32	-37.67	C	2021	146766.15	404615.60
Cole Field House Green Roof 2	AGRI	UMCP21BMP0293		0.07	-37.74	C	2021	146766.74	404556.07
Cole Field House Green Roof 3	AGRI	UMCP21BMP0294		0.37	-38.11	C	2021	146672.51	404557.39
Cole Field House Green Roof 4	AGRI	UMCP21BMP0295		0.86	-38.97	C	2021	146626.26	404516.83
Idea Factory Micro-Bioretenion 4	MMBR	UMCP22BMP0301		0.08	-39.05	C	2021	146933.90	405411.70
Idea Factory Micro-Bioretenion 2	MMBR	UMCP22BMP0302		0.06	-39.11	C	2021	146926.50	405335.62
Idea Factory Micro-Bioretenion 1	MMBR	UMCP22BMP0303		0.07	-39.18	C	2021	146926.84	405357.94
Idea Factory Micro-Bioretenion 3	MMBR	UMCP22BMP0304		0.04	-39.22	C	2021	146926.96	405378.99
UMCP Field Hockey & Lacrosse Complex	MMBR	UMCP22BMP0328		0.25	-39.47	C	2024	147395.18	405446.70
Chemistry Wing 1 Micro-bioretenion	MMBR	UMCP22BMP0329		0.36	-39.83	C	2024	146865.77	405274.92
Chemistry Wing 1 Non-rooftop Disconnection 1A	NDNR	UMCP22BMP0330		0.01	-39.84	C	2024	146911.60	405288.65
Chemistry Wing 1 Non-rooftop Disconnection 1B	NDNR	UMCP22BMP0331		0.02	-39.86	C	2024	146888.61	405307.84
Lot R3 BayFilter	FUND	UMCP25BMP0334		0.38	-40.24	C	2025	146906.53	404716.66
Softball Player Development SGW	MSGW	UMCP25BMP0335		0.11	-40.35	C	2025	147668.37	405236.60
Campus Creek Stream Restoration Phase 2	STRE	UMCP25BMP0332		45.20	-85.55	UC	2025	147351.99	404982.82
Animal Science pond	PWET	UMCP19BMP0021	338.8	8.95	-94.50	P	2026	147226.59	405331.71
Total Restoration Credit =				176.40					

ATTACHMENT D
BMP DATABASE

Table B.1.a. BMP Reporting Requirements

This table represents the basic data elements that are required of all structural, ESD and alternative Best Management Practices (BMPs)

BMP_ID ¹	ORTING_Y	MD_NORTH ²	MD_EAST	PERMIT_NUM	LOCAL_BMP	BMP_NAME	BMP_CLASS	BMP_TYPE	CON_PURPOSE	LAST_INSP_DATE	BMP_STATUS	MAIN_DATE	REINSP_DATE	REINSP_STATUS	GEN_COMMENTS
UMCP19BMP0002	2025	147378.67	404651.41	13-SF_5501	94-SF-0311	Lot 2 retention pond	S	PWET	NEWD	7/25/2025	P	7/25/2025			Epply parking lot pond. With riprap overflow into vegetated swale.
UMCP19BMP0005	2025	146534.80	404139.47	13-SF_5501	02-SF-0247	Peace and Friendship Garden Sand Filter	S	FSND	REDE	7/30/2025	P	7/30/2025			Basis of UMD SWM Bank. Restoration completed 11/2021.
UMCP19BMP0010	2025	148438.32	404925.45	13-SF_5501	91-SF-0059	Laboratory for Physical Science Pond	S	PWED	NEWD	7/30/2025	P	7/30/2025			heavy sedimentation. heavy cattail growth. nice wooded edge condition favorable wildlife habitat. recommend annual perennial cut back. High habitat value. Many species of Birds observed.
UMCP19BMP0011	2025	147097.10	404208.05	13-SF_5501	03-SF-0282	CSPAC Shallow Marsh Wetland	S	WSHW	NEWD	9/27/2023	P	9/27/2023			Heavy vegetation around edge of facility. Annual reduction of cattails recommended.
UMCP19BMP0012	2025	147658.28	405172.72	13-SF_5501	00-SF-0275	Softball Complex retention pond	S	PWET	REDE	6/11/2024	P	6/11/2024			sediments and trash at swale/inlet into pond
UMCP19BMP0013	2025	148196.94	405115.88	13-SF_5501		Courtyards retention pond	S	PWET	NEWD	6/6/2023	P	6/6/2023			Garden Area funde by AWS and DNR
UMCP19BMP0014	2025	146352.34	405004.26	13-SF_5501		Woods Hall	S	FBIO	REDE	9/21/2023	P	9/21/2023			sedum green roof. in bloom many observed pollinator bees. interviewed facility staff, no problems experienced so far. 75% plant cover, room to fill in same as lower roof
UMCP19BMP0016	2025	147510.65	405436.50	13-SF_5501	11-SF-0002	Shuttle Facility	E	AGRE	REDE	4/16/2024	P	4/16/2024			Green roof appears to be functional. Sedums in bloom. Some volunteer "weeds" should be removed.
UMCP19BMP0017	2025	147512.86	405458.48	13-SF_5501	11-SF-0002	Shuttle Facility	E	AGRE	REDE	4/16/2024	P	9/24/2024			
UMCP19BMP0018	2025	147569.38	404959.19	13-SF_5501	11-SF-0139	BLS Heavy Equipment	E	AGRE	NEWD	4/16/2024	P	4/16/2024			
UMCP19BMP0019	2025	146672.76	404025.06	13-SF_5501	13-SF-0237	University House Parking Lot MBR	E	MMBR	NEWD	7/30/2025	P	7/30/2025			Facility outfall presents an issue with eroding the hillside.
UMCP19BMP0020	2025	148418.20	405181.87	13-SF_5501	98-SF-0319	VetMed research pond	S	PWET	NEWD	8/26/2025	F	12/8/2022			
UMCP19BMP0021	2025	147226.59	405331.71	13-SF_5501	98-SF-0319	Animal Science pond	S	XDPD	NEWD	1/20/2022	F	12/15/2016			Renewal construction to be complete by end of 2025.
UMCP19BMP0022	2025	147243.08	405582.00	13-SF_5501		Lot 11b	S	FBIO	REST	9/21/2023	F	5/16/2017			Dr. Davis bioretention
UMCP19BMP0023	2025	147158.61	405364.43	13-SF_5501		Neutral Buoyancy Conveyance	E	MSWW	REDE	5/31/2023	P	5/31/2023			Excessive sediment near outfall. Minor erosion no observed safety bench at pond edge. algae bloom mid june. retrofit cantidat?
UMCP19BMP0024	2025	147410.58	404873.61	13-SF_5501	01-SF-0005	Terrapin Trail Garage retention pond	S	PWET	NEWD	5/18/2023	P	5/18/2023			SHA built for CSX grade separation PG1825147
UMCP19BMP0026	2025	147529.74	405584.51	13-SF_5501	11-SF-0002	Shuttle Facility	S	ODSW	REDE	6/24/2024	P	6/24/2024			Dr. Davis bioretention. Built w/ EPA/PG 5 (\$250K for 4 facilities)
UMCP19BMP0027	2025	147267.42	405147.05	13-SF_5501		Lot PP2 Bioretention	S	FBIO	REST	9/21/2023	P	9/21/2023			Bioretention North
UMCP19BMP0033	2025	146807.37	404129.62	13-SF_5501	11-SF-0184	University House MBR 1C	E	MMBR	NEWD	7/25/2025	P	7/25/2025			Bioretention North
UMCP19BMP0034	2025	146818.84	404118.76	13-SF_5501	11-SF-0184	University House MBR 1B	E	MMBR	NEWD	7/25/2025	P	7/25/2025			Bioretention North
UMCP19BMP0035	2025	146832.82	404103.80	13-SF_5501		University House MBR 1A	E	MMBR	NEWD	7/25/2025	P	7/25/2025			Bioretention North
UMCP19BMP0036	2025	146322.54	404288.16	13-SF_5501		Lot Three (Guilford Park Bioretention)	S	FBIO	REST	6/6/2023	P	5/18/2023			Middle Guilford Bioretention.
UMCP19BMP0039	2025	146978.37	405216.60	13-SF_5501		Chem-Nuc BLDG	S	FBIO	REST	9/21/2023	P	9/21/2023			North Cell
UMCP19BMP0040	2025	146679.14	404093.23	13-SF_5501	11-SF-0184	University House MBR 3	E	MMBR	REST	7/30/2025	P	7/30/2025			Bioretention South
UMCP19BMP0041	2025	146731.82	404095.08	13-SF_5501	11-SF-0184	University House MBR 2	E	MMBR	NEWD	7/30/2025	P	7/30/2025			Bioretention South
UMCP19BMP0042	2025	147527.84	404852.38	13-SF_5501	13-SF-0233	Wye Oak Building	E	MMBR	NEWD	6/11/2024	P	6/12/2024			
UMCP19BMP0043	2025	147241.07	405591.22	13-SF_5501		Lot 11b bioretention	S	FBIO	REST	7/25/2025	F	5/16/2017			Dr. Davis bioretention
UMCP19BMP0046	2025	146577.57	405168.75	13-SF_5501		Symons Hall Rain Garden North	E	MRNG	REST	7/28/2025	P	7/28/2025			
UMCP19BMP0047	2025	146570.96	405168.72	13-SF_5501		Symons Hall Rain Garden South	E	MRNG	REST	7/28/2025	P	7/28/2025			
UMCP19BMP0048	2025	146574.81	405168.57	13-SF_5501		Symons Hall Pervious Pavement	E	APRP	REST	10/1/2025	P				
UMCP19BMP0049	2025	147031.24	405023.82	13-SF_5501	10-SF-0085	Computer and Space Sciences Green Roof	E	AGRE	REDE	4/10/2024	P	4/10/2024			
UMCP19BMP0050	2025	147147.67	404856.25	13-SF_5501		Cumberland Green Roof	E	AGRE	REST	4/10/2024	P	4/10/2024			south cell. same condition as others.
UMCP19BMP0055	2025	147573.60	404936.27	13-SF_5501	11-SF-0139	Heavy Equipment Building	E	MMBR	REDE	6/11/2024	P	6/11/2024			BLS Bioretention. no observed plants. room for enhanced planting.
UMCP19BMP0056	2025	147750.78	405055.88	13-SF_5501	01-SF-0167	Comcast north retention pond	S	PWET	REDE	4/17/2024	P	4/17/2024			Comcast/Chesapeake Pond. Reported problems with overflow during large rains events. Geese infestation.
UMCP19BMP0059	2025	147173.55	404348.39	13-SF_5501	12-SF-0215	Denton Dining	E	MMBR	REDE	9/27/2023	P	9/27/2023			
UMCP19BMP0065	2025	148724.97	405016.86	13-SF_5501	04-SF-0066	Greenmeade North Grass Channel B	S	MSWG	NEWD	7/28/2025	F	4/1/2022			Plans identify BMP as a Grass Swale, originally identified as dry pond
UMCP19BMP0066	2025	148721.15	405017.68	13-SF_5501	04-SF-0066	Greenmeade North Grass Channel A	S	MSWG	NEWD	7/28/2025	P	7/28/2025			
UMCP19BMP0068	2025	148324.92	405076.19	13-SF_5501		Courtyards Northeast Parking	S	FBIO	NEWD	6/6/2023	F				sheet flow to bioretention curb at north edge collapsed
UMCP19BMP0069	2025	148316.39	405094.46	13-SF_5501		Courtyards Northeast Parking	S	FBIO	NEWD	6/6/2023	F				sheet flow to bioretention
UMCP19BMP0070	2025	147151.76	404275.04	13-SF_5501	12-SF-0215	Denton Quad MB 3	E	MMBR	REDE	7/25/2025	P	7/25/2025			
UMCP19BMP0073	2025	146673.19	404758.47	13-SF_5501		Stamp Green Roof West	E	AGRE	REST	4/16/2024	P	4/16/2024			Good condition. Some volunteer weeds should be removed. verify LEED status
UMCP19BMP0074	2025	146671.05	404793.63	13-SF_5501		Stamp Green Roof East	E	AGRE	REST	4/16/2024	P	4/16/2024			same as other stamp green roof verify LEED status
UMCP19BMP0075	2025	147163.19	404277.92	13-SF_5501		Denton Permeable Pavement	E	APRP	NEWD	7/30/2025	P	7/30/2025			Service parking permeable paving.
UMCP19BMP0076	2025	147256.74	404824.99	13-SF_5501		Public Health Garden	S	FBIO	REST	7/25/2025	P	7/25/2025			Water enters facility too rapidly, causing scouring and channeling of swale bays. BMP not permitted by MDE.
UMCP19BMP0077	2025	147272.45	404825.22	13-SF_5501		Public Health Garden Rainwater	E	MRWH	REST	10/1/2025	P	7/25/2025			BMP not permitted by MDE.
UMCP19BMP0078	2025	147002.04	405068.40	13-SF_5501	10-SF-0085	Physical Science Complex Green Roof	E	AGRE	REDE	4/10/2024	P	4/11/2024			
UMCP19BMP0079	2025	146754.86	405303.38	13-SF_5501		Glenn L. Martin Hall Permeable Pavement	E	APRP	NEWD	7/25/2025	P	7/25/2025			Engineering permeable paving
UMCP19BMP0080	2025	147250.06	405278.89	13-SF_5501		Lot FF2	E	APRP	REST	5/31/2023	P	5/31/2023			Dr. Davis permeable paving research with treatment vault for nitrogen reduction.
UMCP19BMP0081	2025	147230.34	404409.42	13-SF_5501		Denton Hall Rainwater 1	E	MRWH	NEWD	5/31/2023	P	5/31/2023			
UMCP19BMP0082	2025	146527.74	404476.54	13-SF_5501	08-SF-0085	Knight Hall Rainwater	E	MRWH	REDE	10/1/2025	P	7/15/2021			
UMCP19BMP0083	2025	147257.84	404359.90	13-SF_5501		Denton Hall Rainwater 2	E	MRWH	NEWD	5/31/2023	P	5/31/2023			
UMCP19BMP0085	2025	146052.57	405080.49	13-SF_5501		Washington Quad Rainwater	E	MRWH	REST	10/1/2025	P				Washington Quad, Listed as failing until inspection/PE 1
UMCP19BMP0086	2025	146952.04	404182.71	13-SF_5501		CSPAC Permeable Pavement	E	APRP	NEWD	7/25/2025	P	7/25/2025			CSPAC landscape service building permeable paving.
UMCP19BMP0088	2025	146958.99	405215.94	13-SF_5501		Chem-Nuc BLDG	S	FBIO	REST	9/21/2023	P	9/21/2023			Some weeds/sediment buildup in joints. South Cell

BMP_ID ¹	ORTING_Y	MD_NORTH ²	MD_EAST	PERMIT_NUM	LOCAL_BMP	BMP_NAME	BMP_CLASS	BMP_TYPE	CON_PURPOSE	LAST_INSP_DATE	BMP_STATUS	MAIN_DATE	REINSP_DATE	REINSP_STATUS	GEN_COMMENTS
UMCP19BMP0089	2025	147350.63	404155.05	13-SF-5501		Golf Course Pond (lower)	S	PWET	NEWD	7/29/2025	F				Dam failed years ago. No funding identified for fix. Undermined condition presents safety hazard. Confirm status w/ course manager - In-Stream Pond Campus Creek
UMCP19BMP0090	2025	147315.44	405100.67	13-SF-5501	00-SF-0275	Lot UU Bioretention	S	FBIO	REDE	5/12/2025	P	5/12/2025			Treats part of Xfinity roof
UMCP19BMP0091	2025	147294.93	405324.85	13-SF-5501		Regents Drive Bioretention 1	S	FBIO	REST	5/12/2025	F	5/16/2018			Dr. Davis bioretention. Built w/ EPA/PG S (\$250K for 4 facilities)
UMCP19BMP0092	2025	147374.45	405327.15	13-SF-5501		Lot 9 Bioretention	S	FBIO	REST	6/6/2023	F				Dr. Davis bioretention. Built w/ EPA/PG S (\$250K for 4 facilities)
UMCP19BMP0093	2025	147291.94	405246.25	13-SF-5501		Regents Drive Bioretention 2	S	FBIO	REST	5/12/2025	F	5/16/2018			Dr. Davis bioretention. Built w/ EPA/PG S (\$250K for 4 facilities)
UMCP19BMP0094	2025	147238.55	405446.42	13-SF-5501		Paint Branch Drive Bioretention	S	FBIO	REDE	6/6/2023	F	5/16/2017			Dr. Davis bioretention. Built w/ EPA/PG S (\$250K for 4 facilities)
UMCP19BMP0098	2025	147513.97	405342.47	13-SF-5501	95-SF-0032	Artificial Turf Field Swale	S	PWET	NEWD	7/25/2025	F	8/28/2021			Not intended for SWM. Drainage only.
UMCP19BMP0106	2025	147494.20	405574.94	13-SF-5501	11-SF-0002	Shuttle Bus Pond	S	PWET	REDE	7/25/2025	F	5/9/2022			
UMCP19BMP0107	2025	147573.07	405296.44	13-SF-5501	01-SF-0255	Taylor Stadium	S	FBIO	NEWD	3/26/2024	F	3/26/2024			
UMCP19BMP0108	2025	147903.37	405030.76	13-SF-5501	00-SF-0275	Chesapeake Parking Lot East	S	FUND	NEWD	6/11/2024	P	9/22/2025			
UMCP19BMP0109	2025	148134.97	404878.53	13-SF-5501		Metzerott Rd. and Greenmead Dr Pond	S	PWET	NEWD	7/25/2025	P	7/25/2025			
UMCP19BMP0112	2025	146967.82	404041.11	13-SF-5501	98-SF-0218	Golf Course Parking Lot MBR	E	MMBR	REDE	7/28/2025	F	10/30/2018			Bioretention discovered during inspection of Golf Course Rd. drainage swale-December 2014
UMCP19BMP0122	2025	147179.85	404313.09	13-SF-5501	12-SF-0215	Denton Courtyard Bioretention	E	MMBR	REDE	9/27/2023	P	9/27/2023			
UMCP19BMP0124	2025	146101.64	404687.09	13-SF-5501	12-SF-0232	Prince Frederick Hall Bioretention Cell 1	E	MMBR	REDE	7/28/2025	P	7/28/2025			
UMCP19BMP0125	2025	146116.11	404734.63	13-SF-5501	12-SF-0232	Prince Frederick Hall Bioretention Cell 2	E	MMBR	REDE	7/28/2025	P	7/28/2025			Sewer or potable pipe tied in to East inflow, flushing noise observed in field
UMCP19BMP0127	2025	146180.60	405944.12	13-SF-5501		Paint Branch Dr & Rossborough Ln	S	FBIO	REST	5/1/2019	R	4/1/2017			Removed and replaced by Leonardtown development.
UMCP19BMP0128	2025	146168.89	405972.95	13-SF-5501		Paint Branch Dr & Rossborough Ln	S	FBIO	REST	5/1/2019	F	4/1/2017			City of College Park constructed and maintained. Not university.
UMCP19BMP0129	2025	146479.88	405249.72	13-SF-5501		North side of Reckord Armory Rain Garden	E	MRNG	REST	7/28/2025	P	7/28/2025			Built as part of sustainability fund student project
UMCP19BMP0130	2025	146691.80	405287.54	13-SF-5501		Kirwan Hall Pavers	E	APRP	NEWD	6/6/2023	F	6/5/2019			MES inspection 6/6/23: No longer permeable, brick appears to have been grouted.
UMCP19BMP0133	2025	146961.40	405387.38	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0134	2025	146947.98	405387.45	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0135	2025	146934.26	405387.46	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0136	2025	146948.05	405400.84	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0137	2025	146934.33	405400.85	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0138	2025	146961.45	405400.81	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0139	2025	146961.51	405414.15	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0140	2025	146948.10	405414.19	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0141	2025	146934.45	405414.24	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	4/2/2019	R				Removed
UMCP19BMP0142	2025	146981.56	405407.42	13-SF-5501	02-SF-0279	Kim Plaza	E	MMBR	REDE	6/24/2024	P	6/24/2024			
UMCP19BMP0143	2025	147092.53	405326.54	13-SF-5501		Central Animal Resources Facility & ENST	E	APRP	NEWD	5/31/2023	P	5/31/2023			
UMCP19BMP0144	2025	146956.32	404032.55	13-SF-5501		NE Golf Course parking Lot Rain Garden	E	MRNG	REST	7/28/2025	P	7/25/2025			Built as part of CBT grant; built in-house by BLM; drawings consist of profile and plan view- no detail drawings were created; construction cost include all 3 facilities combined.
UMCP19BMP0146	2025	146970.08	403914.01	13-SF-5501		NW Golf Course parking Lot Rain Garden	E	MRNG	REST	7/28/2025	P	7/28/2025			Built as part of CBT grant; built in-house by BLM; drawings consist of profile and plan view- no detail drawings were created; construction cost include all 3 facilities combined.
UMCP19BMP0147	2025	146905.41	403933.00	13-SF-5501		SW Golf Course parking Lot Rain Garden	E	MRNG	REST	7/28/2025	P	7/28/2025			RG2. Built as part of CBT grant; built in-house by BLM; drawings consist of profile and plan view- no detail drawings were created; construction cost include all 3 facilities combined. 6" Inflow pipe from swale is below grade.
UMCP19BMP0149	2025	146859.36	404863.09	13-SF-5501	11-SF-0366	Bob Turtle Smith Stadium at Shipley Field Unde	S	XDPD	REDE		F				
UMCP19BMP0150	2025	146581.05	405108.91	13-SF-5501	14-SF-0181	Edward St. John Learning and Teaching Center	S	XDPD	REDE	2/16/2023	F	9/22/2025			Does not provide quality treatment.
UMCP19BMP0151	2025	146926.77	404572.99	13-SF-5501	11-SF-0366	Maryland Stadium Underground Detention Fac	S	XDPD	REDE		F				Listed as failing until inspection. Does not provide quality treatment.
UMCP19BMP0152	2025	146930.84	405581.69	13-SF-5501	16-SF-0064	Behind A.V. Williams	E	MMBR	REDE	7/28/2025	P	7/28/2025			
UMCP19BMP0153	2025	147007.47	405562.48	13-SF-5501	16-SF-0064	Behind A.V. Williams	E	MMBR	REDE	7/28/2025	P	7/28/2025			
UMCP19BMP0154	2025	146975.71	405568.77	13-SF-5501	16-SF-0064	Behind A.V. Williams	E	MMBR	REDE	7/28/2025	P	7/28/2025			
UMCP19BMP0155	2025	146600.58	404987.86	13-SF-5501	14-SF-0182	West of Edward St. John	E	AGRE	NEWD	6/24/2024	P	6/25/2024			
UMCP19BMP0157	2025	146559.97	405023.73	13-SF-5501	14-SF-0182	West Side of Edward St. John	E	AGRE	REDE	6/4/2024	P	4/19/2022			
UMCP19BMP0158	2025	146560.89	405040.90	13-SF-5501	14-SF-0182	West Side of Edward St. John	E	AGRE	REDE	6/4/2024	P	6/4/2024			
UMCP19BMP0159	2025	146543.52	405082.70	13-SF-5501	14-SF-0182	East Side of Edwards St. John	E	AGRE	NEWD	6/4/2024	P	6/4/2024			
UMCP19BMP0161	2025	147279.19	404391.62	13-SF-5501	09-SF-0390	Oakland Hall Sandfilter	S	FUND	NEWD	6/24/2024	P	6/25/2024			
UMCP19BMP0162	2025	147481.23	404827.56	13-SF-5501	01-SF-0005	Terrapin Trail Garage Baysaver unit	S	XOGS	NEWD	6/24/2024	P	9/24/2025			Retreatment for UMCP19BMP0024
UMCP19BMP0163	2025	147735.71	406600.68	13-SF-5501		Severn Stormceptor 1	S	XOGS	REDE	6/19/2019	P	10/1/2025			
UMCP19BMP0164	2025	147712.03	406666.15	13-SF-5501		Severn Stormceptor 2	S	XOGS	REDE	6/19/2019	P	6/19/2018			
UMCP19BMP0165	2025	147737.54	406731.88	13-SF-5501		Severn Stormceptor 3	S	XOGS	REDE	6/19/2019	P	6/19/2018			
UMCP19BMP0166	2025	147754.36	406779.12	13-SF-5501		Severn Stormceptor 4	S	XOGS	REDE	7/28/2025	P	9/29/2025			
UMCP19BMP0167	2025	147706.10	406826.42	13-SF-5501		Severn Stormceptor 5	S	XOGS	REDE	6/19/2019	P	9/30/2025			
UMCP19BMP0168	2025	147645.38	406810.81	13-SF-5501		Severn Stormceptor 6	S	XOGS	REDE	6/19/2019	P	9/30/2025			
UMCP19BMP0169	2025	147592.40	406616.94	13-SF-5501		Severn Stormceptor 7	S	XOGS	REDE	6/19/2019	P	10/1/2025			
UMCP19BMP0170	2025	147521.09	406637.05	13-SF-5501		Severn Stormceptor 8	S	XOGS	REDE	6/19/2019	P	9/30/2025			
UMCP19BMP0171	2025	147461.79	406760.11	13-SF-5501		Severn Stormceptor 9	S	XOGS	REDE	6/19/2019	P	9/30/2025			
UMCP19BMP0172	2025	148164.15	405013.40	13-SF-5501		Courtyards South Parking	S	FBIO	REDE	6/6/2023	P	6/6/2023			Structure identified from imagery. Field confirmation required. Check with the Courtyards for existing plan set.
UMCP19BMP0231	2025	147129.96	405375.41	13-SF-5501	14-SF-0265	Clark Hall Bioretention 1	E	MMBR	REDE	9/21/2023	P	9/21/2023			West side of Clark Hall

BMP_ID ¹	ORTING_Y	MD_NORTH ²	MD_EAST	PERMIT_NUM	LOCAL_BMP	BMP_NAME	BMP_CLASS	BMP_TYPE	CON_PURPOSE	LAST_INSP_DATE	BMP_STATUS	MAIN_DATE	REINSP_DATE	REINSP_STATUS	GEN_COMMENTS
UMCP19BMP0232	2025	147109.93	405375.62	13-SF-5501	14-SF-0265	Clark Hall Bioretention 2	E	MMBR	REDE	9/21/2023	P	9/21/2023			
UMCP19BMP0235	2025	147510.82	403943.30	13-SF-5501		Upper Golf Course	S	PWET	NEWD	6/2/2023	F				
UMCP19BMP0236	2025	148330.53	405108.59	13-SF-5501		Courtyards Sheeflow to Conservation 1	E	NSCA	NEWD	6/6/2023	P	6/6/2023			
UMCP19BMP0237	2025	148240.53	405124.25	13-SF-5501		Courtyards Sheeflow to Conservation 2	E	NSCA	NEWD	6/6/2023	P	6/6/2023			
UMCP19BMP0238	2025	147246.59	405086.26	13-SF-5501		Wellness Way Bioretention	E	MSWB	REST	7/25/2025	P				BMP field identified by MES, listed as bioswale constructed by MDSE. DA still needs to be confirmed, no plans - Retrofit conducted 11/13/2019 to expand storage capacity
UMCP19BMP0239	2025	146721.81	404139.61	13-SF-5501	11-SF-0184	Presidents House Disconnect 1	E	NDNR	REDE	7/30/2025	P	7/30/2025			
UMCP19BMP0240	2025	146803.85	404051.79	13-SF-5501	11-SF-0184	Presidents House Disconnect 2-1	E	NDNR	NEWD	6/24/2024	P	6/24/2024			
UMCP19BMP0241	2025	146906.29	405596.76	13-SF-5501	16-SF-0064	Brendan Iribe 1 MBR	E	MMBR	REDE	7/28/2025	P	7/28/2025			
UMCP19BMP0242	2025	146855.63	405574.14	13-SF-5501	16-SF-0064	Brendan Iribe 2 MBR	E	MMBR	REDE	7/30/2025	P	7/30/2025			
UMCP19BMP0243	2025	146803.50	405608.07	13-SF-5501	16-SF-0064	Brendan Iribe 3 Bio Swale	E	MSWB	REDE	7/30/2025	P	7/30/2025			
UMCP19BMP0244	2025	146849.94	405510.90	13-SF-5501	16-SF-0064	Brendan Iribe 4 Permeable Pavement	E	APRP	REDE	7/30/2025	P	7/30/2025			
UMCP19BMP0245	2025	146819.29	405548.24	13-SF-5501	16-SF-0064	Brendan Iribe 5 Green Roof	E	AGRI	REDE	8/26/2025	P	8/26/2025			
UMCP19BMP0248	2025	146488.56	405597.71	13-SF-5501		Service Building Bioretention	S	FBIO	REDE	7/30/2025	P	7/30/2025			
UMCP19BMP0249	2025	147429.67	404606.19	13-SF-5501	18-SF-0204	Campus Creek Restoration	A	STRE	REST	5/12/2025	P	5/12/2025			
UMCP19BMP0250	2025	147431.84	404451.93	13-SF-5501	18-SF-0204	Campus Creek Regenerative Step Pool Conveya	A	SPSC	REST	5/12/2025	P	5/12/2025			
UMCP20BMP0251	2025	146831.11	405741.86	13-SF-5501	92-SF-0055	Fire Station Infiltration Trench	S	ITRN	NEWD	7/30/2025	F				
UMCP20BMP0252	2025	146873.75	405748.03	13-SF-5501	92-SF-0055	Fire Station WQ Inlet 1	S	XOTH	NEWD	10/1/2025	P	7/9/2020			Very overgrown, only observation well located,
UMCP20BMP0253	2025	146874.87	405733.03	13-SF-5501	92-SF-0055	Fire Station WQ Inlet 2	S	XOTH	NEWD	10/1/2025	P	7/9/2020			Retreatment
UMCP20BMP0255	2025	146730.13	405123.97	13-SF-5501	92-SF-0217	Plant Sciences WQ Inlet	S	XOTH	REDE	7/25/2025	P	7/25/2025			Retreatment
UMCP20BMP0256	2025	145923.34	405209.35	13-SF-5501	01-SF-0245	UMCP Student Housing Building A	S	FUND	REDE	7/9/2020	P	7/8/2020			
UMCP20BMP0257	2025	145927.60	405022.54	13-SF-5501	01-SF-0245	UMCP Student Housing Building B	S	FUND	REDE	9/16/2022	P	9/16/2022			
UMCP20BMP0258	2025	144408.70	405905.68	13-SF-5501	17-SF-0092	M Square SGW 1	E	MSGW	REDE	6/17/2024	P	6/17/2024			
UMCP20BMP0259	2025	144567.14	405880.11	13-SF-5501	17-SF-0092	M Square SGW 2	E	MSGW	REDE	6/17/2024	P	6/17/2024			
UMCP20BMP0260	2025	144555.92	406065.15	13-SF-5501	17-SF-0092	M Square MBR1	E	MMBR	REDE	6/17/2024	P	6/17/2024			
UMCP20BMP0261	2025	148671.78	405055.69	13-SF-5501	07-SF-0155	Mosquito Control MBR	E	MMBR	NEWD	4/2/2020	F				
UMCP20BMP0264	2025	146139.76	406328.29	13-SF-5501	01-SF-0340	MFR1 Pond	S	PWET	REDE	9/22/2023	P				
UMCP20BMP0266	2025	146598.63	404829.37	13-SF-5501	01-SF-0378	University of Maryland Health Center	S	FUND	REDE	7/9/2020	P	7/8/2020			
UMCP20BMP0267	2025	144393.82	406220.27	13-SF-5501	16-SF-0261	College Park Academy Micro-Bioretention 1	E	MMBR	NEWD	6/17/2024	P	6/17/2024			
UMCP20BMP0268	2025	144428.20	406225.06	13-SF-5501	16-SF-0261	College Park Academy Micro-Bioretention 2	E	MMBR	NEWD	6/17/2024	P	6/17/2024			
UMCP20BMP0269	2025	144459.25	406243.19	13-SF-5501	16-SF-0261	College Park Academy Micro-Bioretention 3	E	MMBR	NEWD	6/17/2024	P	6/17/2024			
UMCP20BMP0270	2025	144487.76	406259.71	13-SF-5501	16-SF-0261	College Park Academy Micro-Bioretention 4	E	MMBR	NEWD	6/17/2024	P	6/17/2024			
UMCP20BMP0271	2025	144515.55	406272.90	13-SF-5501	16-SF-0261	College Park Academy Micro-Bioretention 5	E	MMBR	NEWD	6/17/2024	P	6/17/2024			
UMCP20BMP0272	2025	144421.94	406353.65	13-SF-5501	16-SF-0261	College Park Academy Submerged Gravel Wetl	E	MSGW	NEWD	6/17/2024	P	6/17/2024			
UMCP20BMP0273	2025	144926.11	406544.69	13-SF-5501		NOAA Green Roof 1	E	AGRE	NEWD	6/28/2024	P	6/28/2024			
UMCP20BMP0274	2025	144886.19	406587.24	13-SF-5501		NOAA Bioretention	E	FBIO	NEWD	6/26/2024	P	6/26/2024			
UMCP20BMP0275	2025	144912.28	406484.39	13-SF-5501		NOAA Green Roof 2	E	AGRE	NEWD	6/28/2024	P	6/28/2024			
UMCP20BMP0276	2025	144820.74	406556.58	13-SF-5501		NOAA WQ Manhole 1	S	XOGS	NEWD	6/26/2024	F	4/30/2021			Retreatment for BMP UMCP20BMP0277
UMCP20BMP0277	2025	144818.31	406568.70	13-SF-5501		NOAA Underground Cistern	E	MRWH	NEWD	6/26/2024	P	6/26/2024			
UMCP20BMP0278	2025	144877.80	406600.31	13-SF-5501		NOAA WQ Manhole 2	S	XOGS	NEWD	6/26/2024	P	6/26/2024			Retreatment
UMCP20BMP0279	2025	144761.27	406630.26	13-SF-5501		NOAA WQ Manhole 3	S	XOGS	NEWD	6/26/2024	P	6/26/2024			Retreatment
UMCP20BMP0280	2025	147734.94	406718.21	13-SF-5501		Severn Building Micro-Bioretention Area	E	MMBR	REDE	7/28/2025	P	7/28/2025			
UMCP20BMP0281	2025	148600.46	404970.95	13-SF-5501	04-SF-0066	Greenmeade North Stormceptor	S	XOGS	NEWD	10/1/2025	P	4/26/2022			Retreatment for UMCP19BMP0066, listed as failing until inspection
UMCP20BMP0282	2025	146792.93	404034.04	13-SF-5501	11-SF-0184	Presidents House Disconnect 2-2	E	NDNR	NEWD	6/24/2024	P	6/24/2024			
UMCP20BMP0285	2025	146737.23	404002.00	13-SF-5501	11-SF-0184	Presidents House Disconnect 2-5	E	NDNR	NEWD	6/24/2024	P	6/24/2024			
UMCP20BMP0286	2025	146767.31	404060.33	13-SF-5501	11-SF-0184	Presidents House Disconnect 2-3	E	NDNR	NEWD	6/24/2024	P	6/24/2024			
UMCP20BMP0287	2025	146776.13	404048.53	13-SF-5501	11-SF-0184	Presidents House Disconnect 2-4	E	NDNR	NEWD	6/24/2024	P	6/24/2024			
UMCP20BMP0288	2025	148038.42	405387.54	13-SF-5501		4109 Metzertott Rd Impervious Removal	A	IMPP	REST	3/26/2024	P	3/26/2024			
UMCP20BMP0289	2025	147899.26	405369.20	13-SF-5501		4109 Metzertott Rd Impervious Removal	A	IMPP	REST	3/26/2024	P	3/26/2024			
UMCP20BMP0290	2025	147441.85	404475.02	13-SF-5501	18-SF-0204	Campus Creek Regenerative Step Pool Conveya	A	SPSC	REST	5/12/2025	P	5/12/2025			
UMCP20BMP0291	2025	147345.11	404978.06	13-SF-5501	18-SF-0204	Campus Creek Stormwater Bar	A	OUT	REST	5/12/2025	P	5/12/2025			
UMCP21BMP0292	2025	146766.15	404615.60	13-SF-5501	16-SF-0061	Cole Field House Green Roof 1	E	AGRI	REDE	7/3/2024	P	7/3/2024			
UMCP21BMP0293	2025	146766.74	404556.07	13-SF-5501	16-SF-0061	Cole Field House Green Roof 2	E	AGRI	REDE	7/3/2024	P	7/3/2024			
UMCP21BMP0294	2025	146672.41	404557.39	13-SF-5501	16-SF-0061	Cole Field House Green Roof 3	E	AGRI	REDE	7/3/2024	P	7/3/2024			
UMCP21BMP0295	2025	146626.26	404515.83	13-SF-5501	16-SF-0061	Cole Field House Green Roof 4	E	AGRI	REDE	7/3/2024	P	7/3/2024			
UMCP21BMP0296	2025	147957.18	404955.17	13-SF-5501		Wooded Hillcock Impervious Removal 3	A	IMPP	REST	6/17/2024	P	6/17/2024			
UMCP21BMP0297	2025	147940.09	404868.38	13-SF-5501		Wooded Hillcock Impervious Removal 2	A	IMPP	REST	3/26/2024	P	3/26/2024			
UMCP21BMP0298	2025	147868.97	404758.74	13-SF-5501		Wooded Hillcock Impervious Removal 1	A	IMPP	REST	3/26/2024	P	3/26/2024			
UMCP21BMP0299	2025	147959.30	405348.54	13-SF-5501		4103 Metzertott Rd Impervious Removal	A	IMPP	REST	6/17/2024	P	6/17/2024			
UMCP21BMP0300	2025	146705.18	404486.51	13-SF-5501	16-SF-0061	Cole Field House Impervious Surface Removal	A	IMPP	REST	3/26/2024	P	3/26/2024			
UMCP22BMP0301	2025	146933.90	405411.70	13-SF-5501	19-SF-0162	Idea Factory Micro-Bioretention 4	E	MMBR	REDE	6/6/2023	P	6/6/2023			
UMCP22BMP0302	2025	146926.50	405335.62	13-SF-5501	19-SF-0162	Idea Factory Micro-Bioretention 2	E	MMBR	REDE	6/6/2023	P	6/6/2023			
UMCP22BMP0303	2025	146926.84	405357.94	13-SF-5501	19-SF-0162	Idea Factory Micro-Bioretention 1	E	MMBR	REDE	6/6/2023	P	6/6/2023			
UMCP22BMP0304	2025	146926.96	405378.99	13-SF-5501	19-SF-0162	Idea Factory Micro-Bioretention 3	E	MMBR	REDE	6/6/2023	P	6/6/2023			
UMCP22BMP0306	2025	147032.46	404673.48	13-SF-5501	19-SF-0094	Johnson-Whittle Hall Micro-Bioretention 7A	E	MMBR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0307	2025	147034.31	404708.23	13-SF-5501	19-SF-0094	Johnson-Whittle Hall Micro-Bioretention 6A	E	MMBR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0308	2025	147048.00	404708.00	13-SF-5501	19-SF-0094	Johnson-Whittle Hall Micro-Bioretention 5A	E	MMBR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0309	2025	147059.96	404708.57	13-SF-5501	19-SF-0094	Johnson-Whittle Hall Micro-Bioretention 5	E	MMBR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0310	2025	147023.03	404713.64	13-SF-5501	19-SF-0094	Johnson-Whittle Hall Micro-Bioretention 6	E	MMBR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0311	2025	146994.15	404714.9												

BMP_ID ¹	ORTING_Y	MD_NORTH ²	MD_EAST	PERMIT_NUM	LOCAL_BMP	BMP_NAME	BMP_CLASS	BMP_TYPE	CON_PURPOSE	LAST_INSP_DATE	BMP_STATUS	MAIN_DATE	REINSP_DATE	REINSP_STATUS	GEN_COMMENTS
UMCP22BMP0318	2025	147091.79	404719.75	13-SF-5501	19-SF-0094	Pyon-Chen Hall Micro-Bioretentation 1	E	MMBR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0319	2025	147127.18	404793.63	13-SF-5501	19-SF-0094	Pyon-Chen Hall Non-Rooftop Disconnect 1	E	NDNR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0320	2025	147034.19	404662.09	13-SF-5501	19-SF-0094	Johnson-Whittle Hall Micro-Bioretentation 7	E	MMBR	NEWD	5/31/2023	P	5/31/2023			
UMCP22BMP0321	2025	146340.64	405239.55	13-SF-5501	19-SF-0062	Thurgood Marshall School of Public Policy Micro	E	MMBR	REDE	6/2/2023	P	6/2/2023			
UMCP22BMP0322	2025	146385.29	405356.00	13-SF-5501	19-SF-0062	Thurgood Marshall School of Public Policy Micro	E	MMBR	REDE	6/2/2023	P	6/2/2023			
UMCP22BMP0323	2025	146347.72	405349.05	13-SF-5501	19-SF-0062	Thurgood Marshall School of Public Policy Pock	E	WPKT	REDE	6/2/2023	P	6/2/2023			
UMCP22BMP0324	2025	146330.59	405364.37	13-SF-5501	19-SF-0062	Thurgood Marshall School of Public Policy Non	E	NDNR	REDE	6/2/2023	P	6/2/2023			
UMCP23BMP0325	2025	147494.22	404890.39	13-SF-5501	11-SF-0139	Heavy Equipment Dry Well	E	MIDW	REDE	2/16/2023	F				
UMCP23BMP0326	2025	146581.24	404216.11	13-SF-5501	17-SF-0191	Throwing Event Relocation Bio-Swale	E	MSWB	NEWD	3/26/2024	P	3/26/2024			
UMCP23BMP0327	2025	146591.71	404280.48	13-SF-5501	17-SF-0191	Throwing Event Relocation Non-Rooftop Disc	E	NDNR	NEWD	3/27/2024	P	3/27/2024			
UMCP23BMP0328	2025	147395.18	405446.70	13-SF-5501	22-SF-0016	UMCP Field Hockey & Lacrosse Complex	E	MMBR	REDE	3/26/2024	P	3/26/2024			
UMCP23BMP0329	2025	146865.77	405274.92	13-SF-5501	20-SF-0184	Chemistry Wing 1 Micro-bioretentation	E	MMBR	REDE	3/26/2024	P	3/26/2024			
UMCP23BMP0330	2025	146911.60	405288.65	13-SF-5501	20-SF-0184	Chemistry Wing 1 Non-rooftop Disconnect	E	NDNR	REDE	6/17/2024	P	6/17/2024			
UMCP23BMP0331	2025	146888.61	405307.84	13-SF-5501	20-SF-0184	Chemistry Wing 1 Non-rooftop Disconnect	E	NDNR	REDE	3/27/2024	P	6/17/2024			
UMCP25BMP0332	2025	147294.4605	405070.8875	13-SF-5501	23-SF-0010	Campus Creek Restoration Phase 2	A	STRE	REST	5/12/2025	P	5/12/2025			
UMCP25BMP0333	2025	146913.2737	404720.204	13-SF-5501	23-SF-0044	Lot R3 Underground Retention	S	XDED	REDE	10/1/2025	P				Listed as fail until access issues addressed
UMCP25BMP0334	2025	146906.5319	404716.6565	13-SF-5501	23-SF-0044	Lot R3 BayFiller	E	FUND	REDE	10/1/2025	P	5/12/2025			
UMCP25BMP0335	2025	147668.3658	405236.9960	13-SF-5501	24-SF-0047	Softball Player Development SGW	E	MSGW	REST	5/12/2025	P	5/12/2025			
UMCP25BMP0336	2025	146114.6421	405859.9781	13-SF-5501	23-SF-0172	Graduate Housing Microbio #1	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0337	2025	146102.2894	405900.2497	13-SF-5501	23-SF-0172	Graduate Housing Microbio #2	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0338	2025	146088.342	405897.1227	13-SF-5501	23-SF-0172	Graduate Housing Microbio #3	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0339	2025	146074.5095	405892.8918	13-SF-5501	23-SF-0172	Graduate Housing Microbio #4	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0340	2025	146113.9892	405810.5947	13-SF-5501	23-SF-0172	Graduate Housing Microbio #5	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0341	2025	146090.9347	405803.756	13-SF-5501	23-SF-0172	Graduate Housing Microbio #6	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0342	2025	146119.7139	405832.7261	13-SF-5501	23-SF-0172	Graduate Housing Microbio #7	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0343	2025	146116.2521	405846.2656	13-SF-5501	23-SF-0172	Graduate Housing Microbio #8	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0344	2025	146139.5368	405839.3347	13-SF-5501	23-SF-0172	Graduate Housing Microbio #9	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0345	2025	146137.402	405847.5863	13-SF-5501	23-SF-0172	Graduate Housing Microbio #10	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0346	2025	146129.0907	405875.8864	13-SF-5501	23-SF-0172	Graduate Housing Microbio #11	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0347	2025	146119.3033	405864.332	13-SF-5501	23-SF-0172	Graduate Housing Microbio #12	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0348	2025	146127.9943	405879.8370	13-SF-5501	23-SF-0172	Graduate Housing Microbio #13	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0349	2025	146115.0902	405879.0341	13-SF-5501	23-SF-0172	Graduate Housing Microbio #14	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0350	2025	146124.0124	405894.1912	13-SF-5501	23-SF-0172	Graduate Housing Microbio #15	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0351	2025	146110.9926	405893.3294	13-SF-5501	23-SF-0172	Graduate Housing Microbio #16	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0352	2025	146119.2219	405910.4624	13-SF-5501	23-SF-0172	Graduate Housing Microbio #17	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0353	2025	146136.334	405811.6822	13-SF-5501	23-SF-0172	Graduate Housing Microbio #18	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0354	2025	146117.4904	405916.3608	13-SF-5501	23-SF-0172	Graduate Housing Microbio #19	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0355	2025	146105.4528	405913.61	13-SF-5501	23-SF-0172	Graduate Housing Microbio #20	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0356	2025	146115.673	405923.3922	13-SF-5501	23-SF-0172	Graduate Housing Microbio #21	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0357	2025	146100.9399	405929.635	13-SF-5501	23-SF-0172	Graduate Housing Microbio #22	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0358	2025	146098.1119	405939.3396	13-SF-5501	23-SF-0172	Graduate Housing Microbio #23	E	MMBR	REDE		F				Listed as fail until constructed and inspected
UMCP25BMP0359	2025	146139.9793	405963.2736	13-SF-5501	23-SF-0172	Graduate Housing Microbio #24	E	MMBR	REDE		F				Listed as fail until constructed and inspected
USG19BMP00003	2025	158508.02	382721.74	13-SF-5501	02-SF-0033	Infiltration Trench 1 at IBBR	S	ITRN	NEWD	8/14/2024	P	8/14/2024			
USG19BMP00004	2025	158453.82	382793.55	13-SF-5501	02-SF-0033	IBBR Outfall Stabilization	A	OUT	NEWD	8/14/2024	P	8/14/2024			
USG19BMP00005	2025	158419.50	382716.02	13-SF-5501	02-SF-0033	Infiltration Trench 2 at IBBR	S	ITRN	NEWD	8/14/2024	P	8/14/2024			
USG19BMP00006	2025	158380.25	382711.80	13-SF-5501	02-SF-0033	Infiltration Trench 3 at IBBR	S	ITRN	NEWD	8/14/2024	P	11/1/2020			
USG19BMP00007	2025	158338.60	382749.67	13-SF-5501	22-SF-0016	IBBR Pond	S	PWET	NEWD	8/14/2024	P	8/14/2024			
USG19BMP00042	2025	158281.34	382830.74	13-SF-5501	16-SF-0044	IBBR Non-Rooftop Disconnect	E	NDNR	NEWD	8/14/2024	P	8/14/2024			

Note: The following template is based on recent MD Phase II NPDES data reporting requirements. Definitions of each column and data elements can be found in the three descriptions sheets.

Note: Several Example BMPs have been incorporated to help display the new structure.

¹ Every BMP identified in this table should match BMP_ID data entered in either "Table B1.b. ESD.STRUCTURAL" sheet or "Table B.1.c. Alternative" sheet

² Northing and Easting are geographic points used to locate BMPs, Maryland requires using State Plane NAD 83 meters for geographic location. You can use Geographic Information Systems (GIS) or other computer programs to

Questions on Maryland specific stormwater design? Follow the link below.

[Link to Maryland's Stormwater Design Manual](#)

Table B.1.b. Reporting Requirements for ESD and Structural Practices

More specific data related to ESD and structural BMPs is populated in this table

BMP_ID ¹	NUM_BMPS ²	ON_OFF_SITE	CONVERTED_FROM	BMP_STATUS	BMP_DRAIN_AREA	IMP_ACRES ³	PE_ADR	APPR_DATE	BUILT_DATE	GEN_COMMENTS
UMCP19BMP0002	1	ON		ACT	6.43	3.52	0	8/10/1995	3/26/1998	Lot 2 retention pond
UMCP19BMP0005	1	ON		ACT	23.88	10.91	1	6/16/2003	5/9/2005	Peace Garden Sand Filter/0.58 ac nested IA; 2 ac allocated to UMGc
UMCP19BMP0010	1	ON		ACT	8.7	2.7	0	2/15/1991	4/1/1994	Laboratory for Physical Science wet pond
UMCP19BMP0011	1	ON		ACT	28.16	9.94	0.8	5/30/2003	12/24/2005	CSPAC Shallow Marsh Wetland. Retrofit conducted in 2003.
UMCP19BMP0012	1	ON		ACT	10.59	8.26	1	12/14/2000	12/11/2002	Softball complex retention pond
UMCP19BMP0013	1	ON		ACT	8.6	4.87	0.5		9/11/2001	Courtyards retention pond
UMCP19BMP0014	1	ON		ACT	0.23	0.07	1	11/17/2011	10/12/2012	Woods Hall Bioretention
UMCP19BMP0016	1	ON		ACT	0.11	0.11	1	10/28/2010	10/14/2012	Shuttle Facility
UMCP19BMP0017	1	ON		ACT	0.11	0.11	1	10/28/2010	10/14/2012	Shuttle Facility
UMCP19BMP0018	1	ON		ACT	0.05	0.05	1	2/18/2011	10/12/2012	BLS Heavy Equipment
UMCP19BMP0019	1	ON		ACT	0.63	0.29	1	5/29/2013	8/28/2014	University House Parking Lot
UMCP19BMP0020	1	ON		ACT	18.64	7.14	0	1/23/1987	4/4/1988	VetMed research pond/ PE=1
UMCP19BMP0021	1	ON		ACT	11.8	7.23	0	4/1/1988	4/1/1994	Animal science retention pond/PE 0
UMCP19BMP0022	1	ON		ACT	0.86	0.82	0		12/11/2002	Lot 11b bioretention/PE 1
UMCP19BMP0023	1	ON		ACT	1.42	0.72	0		10/26/2017	SWF 23/PE 0
UMCP19BMP0024	1	ON		ACT	9.58	3.85	1	10/4/2000	9/11/2001	Terrapin Trail Garage retention pond
UMCP19BMP0026	1	ON		ACT	2.82	2.23	0.77	9/29/2010	10/12/2012	Shuttle Facility dry swale. 0.14 acres treated by nested BMP 106
UMCP19BMP0027	1	ON		ACT	0.32	0.32	1	7/1/2003	5/9/2005	Lot PP2 bioretention
UMCP19BMP0033	1	ON		ACT	0.47	0.14	1	9/2/2011	8/16/2012	University House
UMCP19BMP0034	1	ON		ACT	0.21	0.1	1	9/1/2011	8/15/2012	University House
UMCP19BMP0035	1	ON		ACT	0.41	0.2	1	9/1/2011	8/15/2012	University House
UMCP19BMP0036	1	ON		ACT	2.11	1.59	1		3/29/2011	Lot Three - Guilford Park Bioretention
UMCP19BMP0039	1	ON		ACT	0.24	0.19	1		12/6/2012	Chem-Nuc Bldg bioretention
UMCP19BMP0040	1	ON		ACT	0.28	0.03	1	9/2/2011	8/16/2012	University House
UMCP19BMP0041	1	ON		ACT	0.38	0.09	1	9/2/2011	8/16/2012	University House
UMCP19BMP0042	1	ON		ACT	0.35	0.27	1	3/18/2013	2/24/2014	Wye Oak Building bioretention
UMCP19BMP0043	1	ON		ACT	0.57	0.54	0		12/11/2002	Lot 11b bioretention/PE 1
UMCP19BMP0046	1	ON		ACT	0.01	0.003	1		2/26/2009	Symons Hall
UMCP19BMP0047	1	ON		ACT	0.01	0.003	1		2/26/2009	Symons Hall
UMCP19BMP0048	1	ON		ACT	0.04	0.04	0		2/26/2009	Symons Hall/PE 1
UMCP19BMP0049	1	ON		ACT	0.08	0.08	1.2	4/3/2009	12/1/2013	Computer and Space Sciences
UMCP19BMP0050	1	ON		ACT	0.15	0.15	1	7/11/2008	9/30/2008	Cumberland
UMCP19BMP0055	1	ON		ACT	0.17	0.09	1.15	2/18/2011	10/12/2012	Heavy Equipment Building bioretention
UMCP19BMP0056	1	ON		ACT	14.16	5.96	1	12/14/2000	10/1/2002	Comcast north retention pond
UMCP19BMP0059	1	ON		ACT	0.28	0.18	2.28	3/20/2012	10/12/2012	Denton dining bioretention
UMCP19BMP0065	1	ON		ACT	0.5	0.22	0	10/17/2004	6/7/2005	Greenmeade North/ Pe=1
UMCP19BMP0066	1	ON		ACT	4.75	2.43	1	10/17/2004	6/7/2005	conveyance to SWF65
UMCP19BMP0068	1	ON		ACT	0.5	0.46	0		9/11/2001	Courtyards Northeast parking/PE 1
UMCP19BMP0069	1	ON		ACT	0.54	0.5	0		9/11/2001	Courtyards Northeast parking/PE 1
UMCP19BMP0070	1	ON		ACT	0.13	0.09	0.76	3/20/2012	11/30/2012	Denton bioretention
UMCP19BMP0073	1	ON		ACT	0.04	0.04	1		4/1/2010	Stamp Green Roof West
UMCP19BMP0074	1	ON		ACT	0.02	0.02	1		4/1/2010	Stamp Green Roof East

BMP_ID ¹	NUM_BMPS ²	ON_OFF_SITE	CONVERTED_FROM	BMP_STATUS	BMP_DRAIN_AREA	IMP_ACRES ³	PE_ADR	APPR_DATE	BUILT_DATE	GEN_COMMENTS
UMCP19BMP0075	1	ON		ACT	0.02	0.01	1	3/20/2012	11/30/2012	Denton permeable pavements
UMCP19BMP0076	1	ON		ACT	1.04	0.58	0.12	10/24/2012	5/8/2013	Public Health Garden bioretention
UMCP19BMP0077	1	ON		ACT	4.59	2.25	1	10/24/2012	5/8/2013	Public Health Garden rainwater harvesting
UMCP19BMP0078	1	ON		ACT	0.2	0.2	1.2	4/3/2009	12/1/2013	Physical Science
UMCP19BMP0079	1	ON		ACT	0.01	0.01	1		3/9/2009	Glenn L Martin Hall permeable pavements
UMCP19BMP0080	1	ON		ACT	0.04	0.04	1	1/18/2011	12/13/2012	Lot FF2 permeable pavements
UMCP19BMP0081	1	ON		ACT	0.02	0.02	0		11/30/2012	Denton Hall rainwater harvesting/PE 0
UMCP19BMP0082	1	ON		ACT	0.45	0.43	0.91	1/22/2008	3/27/2010	Knight Hall
UMCP19BMP0083	1	ON		ACT	0.05	0.05	0		11/30/2012	Denton Hall rainwater harvesting/PE 0
UMCP19BMP0085	1	ON		ACT	0.37	0.36	0	8/27/2007	9/30/2009	Washington Quad/PE 1
UMCP19BMP0086	1	ON		ACT	0.1	0.1	1		5/29/2009	CSPAC permeable pavements
UMCP19BMP0088	1	ON		ACT	0.09	0.07	1		12/6/2012	Chem-Nuc Bldg bioretention
UMCP19BMP0089	1	ON		ACT	32.84	1.07	0	10/10/1972	1/1/1979	Golf course lower wet pond/PE 0
UMCP19BMP0090	1	ON		ACT	6.2	3.35	0		12/2/2002	Lot PP2 rain garden. Verify 1" treatment
UMCP19BMP0091	1	ON		ACT	0.86	0.79	0	7/1/2003	5/9/2005	Regents Drive bioretention/PE 1
UMCP19BMP0092	1	ON		ACT	2.99	2.67	0	7/1/2003	5/9/2005	Lot 9 bioretention/PE 1
UMCP19BMP0093	1	ON		ACT	0.45	0.34	0	7/1/2003	5/9/2005	Regents Drive bioretention/PE 1
UMCP19BMP0094	1	ON		ACT	0.27	0.17	0	7/1/2003	5/9/2005	Paint Branch Drive bioretention/PE 1
UMCP19BMP0098	1	ON		ACT	3.91	3.59	0	7/20/1994	12/1/2013	Artificial Turf Field swale
UMCP19BMP0106	1	ON		ACT	1.32	1.17	0	10/29/2010	10/15/2012	Shuttle Bus wet pond. Pe estimated from survey and post maintenance aerial imagery. Pe=0.12
UMCP19BMP0107	1	ON		ACT	0.69	0.42	0	3/21/2001	3/31/2002	Taylor stadium bioretention. Failing/Pe = 0.53"
UMCP19BMP0108	1	ON		ACT	3.9	0.56	0.47	1/1/2001	3/31/2002	Chesapeake Parking Lot East
UMCP19BMP0109	1	ON		ACT	7.49	1.32	0.5		4/4/1988	Metzerott Rd and Greenmead Dr wet pond
UMCP19BMP0112	1	ON		ACT	1.48	1.2	0	4/13/1998	3/14/2000	Golf Course Parking Lot rain garden/Receives drainage SWF144/PE 0
UMCP19BMP0122	1	ON		ACT	0.25	0.1	1.03	3/20/2012	11/20/2012	Denton Courtyard bioretention
UMCP19BMP0124	1	ON		ACT	0.23	0.17	0.8	10/5/2012	7/28/2014	Prince Frederick Hall Bioretention Cell 1
UMCP19BMP0125	1	ON		ACT	0.46	0.3	1.36	10/5/2012	7/28/2014	Prince Frederick Hall Bioretention Cell 2
UMCP19BMP0127	1	ON		ACT	0.41	0.14	0		3/14/2000	Paint Branch Dr & Rossborough Ln/PE 1
UMCP19BMP0128	1	ON		ACT	3.14	0.84	0		12/1/2013	Paint Branch Dr & Rossborough Ln bioretention/PE 0
UMCP19BMP0129	1	ON		ACT	0.06	0.04	1			Reckord Armory
UMCP19BMP0130	1	ON		ACT	0.04	0.04	0			Kirwan Hall fountain permeable pavements/ PE 1
UMCP19BMP0133	1	ON		REM	0.06	0.02	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0134	1	ON		REM	0.07	0.05	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0135	1	ON		REM	0.06	0.02	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0136	1	ON		REM	0.05	0.04	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0137	1	ON		REM	0.04	0.03	0	3/3/2004	5/9/2005	Kim Plaza/PE 0

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BMP_ID ¹	NUM_BMPS ²	ON_OFF_SITE	CONVERTED_FROM	BMP_STATUS	BMP_DRAIN_AREA	IMP_ACRES ³	PE_ADR	APPR_DATE	BUILT_DATE	GEN_COMMENTS
UMCP19BMP0138	1	ON		REM	0.04	0.03	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0139	1	ON		REM	0.14	0.13	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0140	1	ON		REM	0.05	0.04	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0141	1	ON		REM	0.04	0.02	0	3/3/2004	5/9/2005	Kim Plaza/PE 0
UMCP19BMP0142	1	ON		ACT	0.17	0.1	1	3/3/2004	5/9/2005	Kim Plaza
UMCP19BMP0143	1	ON		ACT	0.04	0.04	1		5/29/2009	Central Animal Resources Facility & ENST
UMCP19BMP0144	1	ON		ACT	1.25	1.14	0		12/19/2016	North East corner of golf course parking lot rain gardens
UMCP19BMP0146	1	ON		ACT	0.47	0.37	1		12/19/2016	North west corner of golf course parking lot rain garden
UMCP19BMP0147	1	ON		ACT	0.37	0.22	1		12/19/2016	South west corner of golf course parking lot rain garden
UMCP19BMP0149	1	ON		ACT	8.11	5.56	0	7/20/2015	1/11/2016	PE 0
UMCP19BMP0150	1	ON		ACT	0.16	0.16	0	9/26/2014	10/26/2017	PE 0
UMCP19BMP0151	1	ON		ACT	2.17	2.11	0	8/22/2011	12/6/2012	PE 0
UMCP19BMP0152	1	ON		ACT	0.68	0.37	1.3	5/22/2017	1/10/2018	A.V. Williams
UMCP19BMP0153	1	ON		ACT	0.62	0.22	0.8	5/22/2017	1/10/2018	A.V. Williams
UMCP19BMP0154	1	ON		ACT	0.35	0.39	1	5/22/2017	1/10/2018	A.V. Williams
UMCP19BMP0155	1	ON		ACT	0.05	0.05	1	9/26/2014	10/26/2017	West of Edward St. John
UMCP19BMP0157	1	ON		ACT	0.06	0.06	1	9/26/2014	10/26/2017	West Side of Edwards St. John
UMCP19BMP0158	1	ON		ACT	0.06	0.06	1	9/26/2014	10/26/2017	West Side of Edwards St. John
UMCP19BMP0159	1	ON		ACT	0.03	0.03	1	9/26/2014	10/26/2017	East Side of Edwards St. John
UMCP19BMP0161	1	ON		ACT	0.4	0.21	1	6/18/2009	6/3/2011	Oakland Hall Sandfilter
UMCP19BMP0162	1	ON		ACT	0	0	0	10/4/2000	9/11/2001	Terrapin Trail Garage BaySaver/PE 0
UMCP19BMP0163	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0164	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0165	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0166	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0167	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0168	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0169	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0170	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0171	1	ON		ACT	0	0	0	4/29/1996	1/1/1998	Severn Stormceptor
UMCP19BMP0172	1	ON		ACT	0.98	0.72	1		9/11/2001	Courtyards South Parking
UMCP19BMP0231	1	ON		ACT	0.33	0.27	1.96	9/18/2015	10/26/2017	A. James Clark Hall
UMCP19BMP0232	1	ON		ACT	0.3	0.21	2.6	9/18/2015	10/26/2017	A. James Clark Hall
UMCP19BMP0235	1	ON		ACT	208.28	7.25	0	10/10/1972	1/1/1979	Upper golf course wet pond/PE 0
UMCP19BMP0236	1	ON		ACT	0.28	0.27	0		9/11/2001	SWFSCA1/PE 0
UMCP19BMP0237	1	ON		ACT	0.06	0.06	0		9/11/2001	SWFSCA2/PE 0
UMCP19BMP0238	1	ON		ACT	1.28	0.87	1		1/1/2017	Wellness Way bio-swale
UMCP19BMP0239	1	ON		ACT	0.56	0.01	1	10/19/2011	10/19/2011	SWFNR1
UMCP19BMP0240	1	ON		ACT	0.02	0.02	1	10/19/2011	8/16/2012	SWFNR2
UMCP19BMP0241	1	ON		ACT	0.45	0.19	2.6	5/10/2016	6/7/2019	Brendan Iribe 1
UMCP19BMP0242	1	ON		ACT	0.44	0.23	2.5	5/10/2016	6/7/2019	Brendan Iribe 2
UMCP19BMP0243	1	ON		ACT	0.76	0.19	1	5/10/2016	6/7/2019	Brendan Iribe 3
UMCP19BMP0244	1	ON		ACT	0.14	0.12	2	5/10/2016	6/7/2019	Brendan Iribe 4
UMCP19BMP0245	1	ON		ACT	0.12	0.12	1.7	5/10/2016	6/7/2019	Brendan Iribe 5
UMCP19BMP0248	1	ON		ACT	0.15	0.15	1	6/3/2015	1/10/2018	Service Building Bioretention
UMCP20BMP0251	1	ON		ACT	0	0	0	3/12/1992	4/1/1994	Cannot locate
UMCP20BMP0252	1	ON		ACT	0.22	0.21	0	3/12/1992	4/1/1994	
UMCP20BMP0253	1	ON		ACT	0.26	0.25	0	3/12/1992	4/1/1994	

BMP_ID ¹	NUM_BMPS ²	ON_OFF_SITE	CONVERTED_FROM	BMP_STATUS	BMP_DRAIN_AREA	IMP_ACRES ³	PE_ADR	APPR_DATE	BUILT_DATE	GEN_COMMENTS
UMCP20BMP0255	1	ON		ACT	0.24	0.15	0	3/5/1993	1/1/1996	PE 0
UMCP20BMP0256	1	ON		ACT	0.76	0.59	0.63	4/9/2003	1/1/2005	UMCP Student Housing Building A
UMCP20BMP0257	1	ON		ACT	0.96	0.72	0.51	4/9/2003	1/1/2005	UMCP Student Housing Building B
UMCP20BMP0258	1	ON		ACT	3.32	2.33	0.8	3/10/2017	12/26/2018	M Square SGW 1
UMCP20BMP0259	1	ON		ACT	1.45	0.88	0.82	3/10/2017	12/26/2018	M Square SGW 2
UMCP20BMP0260	1	ON		ACT	0.64	0.48	0.73	3/10/2017	12/26/2018	M Square MBR1
UMCP20BMP0261	1	ON		ACT	0.54	0.27	0	11/10/2006	3/10/2008	PE 1
UMCP20BMP0264	1	ON		ACT	1.99	1.06	0	3/5/2001	3/31/2002	PE 0.58
UMCP20BMP0266	1	ON		ACT	0.12	0.12	0.75	8/29/2002	12/31/2004	
UMCP20BMP0267	1	ON		ACT	0.32	0.14	1	8/15/2016	2/1/2018	
UMCP20BMP0268	1	ON		ACT	0.36	0.27	1	8/15/2016	2/1/2018	
UMCP20BMP0269	1	ON		ACT	0.44	0.35	1	8/15/2016	2/1/2018	
UMCP20BMP0270	1	ON		ACT	0.41	0.32	1	8/15/2016	2/1/2018	
UMCP20BMP0271	1	ON		ACT	0.55	0.42	1	8/15/2016	2/1/2018	
UMCP20BMP0272	1	ON		ACT	5.5	1.97	1	8/15/2016	2/1/2018	
UMCP20BMP0273	1	ON		ACT	0.63	0.63	1	10/18/2006	1/1/2012	
UMCP20BMP0274	1	ON		ACT	1.62	1.35	0.92	10/18/2006	1/1/2012	
UMCP20BMP0275	1	ON		ACT	0.33	0.33	1	10/18/2006	1/1/2012	
UMCP20BMP0276	1	ON		ACT	1.04	0.41	0	10/18/2006	1/1/2012	
UMCP20BMP0277	1	ON		ACT	1.04	0.41	0	10/18/2006	1/1/2012	
UMCP20BMP0278	1	ON		ACT	0.98	0.96	0	10/18/2006	1/1/2012	
UMCP20BMP0279	1	ON		ACT	1.69	0.98	0	10/18/2006	1/1/2012	
UMCP20BMP0280	1	ON		ACT	0.79	0.59	0.02	4/29/1996	1/1/1998	BMP identified from plan
UMCP20BMP0281	1	ON		ACT	3.4	1.7	0	10/17/2004	6/7/2005	Pretreatment for UMCP20BMP0065
UMCP20BMP0282	1	ON		ACT	0.02	0.02	1	10/19/2011	8/16/2012	
UMCP20BMP0285	1	ON		ACT	0.02	0.02	1	10/19/2011	8/16/2012	
UMCP20BMP0286	1	ON		ACT	0.02	0.02	1	10/19/2011	8/16/2012	
UMCP20BMP0287	1	ON		ACT	0.02	0.02	1	10/19/2011	8/16/2012	
UMCP21BMP0292	1	ON		ACT	0.32	0.32	1	7/21/2017	5/1/2021	
UMCP21BMP0293	1	ON		ACT	0.07	0.07	1	7/21/2017	5/1/2021	
UMCP21BMP0294	1	ON		ACT	0.37	0.37	1	7/21/2017	5/1/2021	
UMCP21BMP0295	1	ON		ACT	0.86	0.86	1	7/21/2017	5/1/2021	
UMCP22BMP0301	1	ON		ACT	0.3	0.12	2.47	4/30/2021	9/14/2021	
UMCP22BMP0302	1	ON		ACT	0.18	0.16	1.34	4/30/2021	9/14/2021	
UMCP22BMP0303	1	ON		ACT	0.14	0.13	1.83	4/30/2021	9/14/2021	
UMCP22BMP0304	1	ON		ACT	0.07	0.06	2.31	4/30/2021	9/14/2021	
UMCP22BMP0306	1	ON		ACT	0.39	0.25	1	3/19/2021	3/15/2022	
UMCP22BMP0307	1	ON		ACT	0.56	0.37	1	3/19/2021	3/15/2022	
UMCP22BMP0308	1	ON		ACT	0.49	0.4	1	3/19/2021	3/15/2022	
UMCP22BMP0309	1	ON		ACT	0.39	0.19	1	3/19/2021	3/15/2022	
UMCP22BMP0310	1	ON		ACT	0.52	0.43	1	3/19/2021	3/15/2022	
UMCP22BMP0311	1	ON		ACT	0.28	0.19	1	3/19/2021	3/15/2022	
UMCP22BMP0312	1	ON		ACT	0.21	0.16	1	3/19/2021	3/15/2022	
UMCP22BMP0313	1	ON		ACT	0.21	0.12	1	3/19/2021	3/15/2022	
UMCP22BMP0314	1	ON		ACT	0.42	0.28	1	3/19/2021	3/15/2022	
UMCP22BMP0315	1	ON		ACT	0.2	0.11	1	3/19/2021	3/15/2022	
UMCP22BMP0316	1	ON		ACT	0.39	0.25	1	3/19/2021	3/15/2022	
UMCP22BMP0317	1	ON		ACT	0.27	0.14	1	3/19/2021	3/15/2022	
UMCP22BMP0318	1	ON		ACT	0.38	0.2	1	3/19/2021	3/15/2022	
UMCP22BMP0319	1	ON		ACT	0.02	0.02	1	3/19/2021	3/15/2022	
UMCP22BMP0320	1	ON		ACT	0.44	0.26	1	3/19/2021	3/15/2022	
UMCP22BMP0321	1	ON		ACT	0.33	0.12	2.25	4/2/2019	5/22/2023	

BMP_ID ¹	NUM_BMPS ²	ON_OFF_SITE	CONVERTED_FROM	BMP_STATUS	BMP_DRAIN_AREA	IMP_ACRES ³	PE_ADR	APPR_DATE	BUILT_DATE	GEN_COMMENTS
UMCP22BMP0322	1	ON		ACT	0.39	0.21	2.55	4/2/2019	5/22/2023	
UMCP22BMP0323	1	ON		ACT	0.47	0.39	2.6	4/2/2019	5/22/2023	
UMCP22BMP0324	1	ON		ACT	0.04	0.04	1	4/2/2019	5/22/2023	
UMCP23BMP0325	1	ON		ACT	0.04	0.04	0	2/18/2011	10/12/2012	Pe = 1"
UMCP23BMP0326	1	ON		ACT	0.41	0.05	1	5/30/2018	1/17/2024	
UMCP23BMP0327	1	ON		ACT	0.03	0.03	1	5/30/2018	1/17/2024	
UMCP23BMP0328	1	ON		ACT	0.36	0.29	1.5	1/23/2023	2/4/2024	0.4 ac NEWD; 0.25 ac REDE
UMCP23BMP0329	1	ON		ACT	0.37	0.33	1.15	1/26/2021	2/21/2024	
UMCP23BMP0330	1	ON		ACT	0.02	0.02	1	1/26/2021	2/21/2024	
UMCP23BMP0331	1	ON		ACT	0.02	0.02	1	1/26/2021	2/21/2024	
UMCP25BMP0333	1	ON		ACT	0.73	0.5	0	6/14/2024	3/9/2025	
UMCP25BMP0334	1	ON		ACT	0.73	0.5	1	6/14/2024	3/9/2025	
UMCP25BMP0335	1	ON		ACT	0.35	0.2	1	10/3/2024	5/1/2025	
UMCP25BMP0336	1	ON		ACT	0.25	0.23	0	2/22/2024		
UMCP25BMP0337	1	ON		ACT	0.18	0.14	0	2/22/2024		
UMCP25BMP0338	1	ON		ACT	0.34	0.19	0	2/22/2024		
UMCP25BMP0339	1	ON		ACT	0.39	0.32	0	2/22/2024		
UMCP25BMP0340	1	ON		ACT	0.29	0.27	0	2/22/2024		
UMCP25BMP0341	1	ON		ACT	0.36	0.34	0	2/22/2024		
UMCP25BMP0342	1	ON		ACT	0.09	0.09	0	2/22/2024		
UMCP25BMP0343	1	ON		ACT	0.09	0.09	0	2/22/2024		
UMCP25BMP0344	1	ON		ACT	0.1	0.06	0	2/22/2024		
UMCP25BMP0345	1	ON		ACT	0.05	0.02	0	2/22/2024		
UMCP25BMP0346	1	ON		ACT	0.04	0.03	0	2/22/2024		
UMCP25BMP0347	1	ON		ACT	0.02	0.02	0	2/22/2024		
UMCP25BMP0348	1	ON		ACT	0.03	0.03	0	2/22/2024		
UMCP25BMP0349	1	ON		ACT	0.03	0.03	0	2/22/2024		
UMCP25BMP0350	1	ON		ACT	0.04	0.02	0	2/22/2024		
UMCP25BMP0351	1	ON		ACT	0.02	0.02	0	2/22/2024		
UMCP25BMP0352	1	ON		ACT	0.03	0.03	0	2/22/2024		
UMCP25BMP0353	1	ON		ACT	0.02	0.02	0	2/22/2024		
UMCP25BMP0354	1	ON		ACT	0.03	0.03	0	2/22/2024		
UMCP25BMP0355	1	ON		ACT	0.03	0.03	0	2/22/2024		
UMCP25BMP0356	1	ON		ACT	0.05	0.05	0	2/22/2024		
UMCP25BMP0357	1	ON		ACT	0.03	0.03	0	2/22/2024		
UMCP25BMP0358	1	ON		ACT	0.02	0.02	0	2/22/2024		
UMCP25BMP0359	1	ON		ACT	0.31	0.13	0	2/22/2024		
USG19BMP00003	1	ON		ACT	0.28	0.14	0.5	12/4/2002	8/1/2006	
USG19BMP00005	1	ON		ACT	0.08	0.06	1	12/4/2002	8/1/2006	
USG19BMP00006	1	ON		ACT	0.59	0.48	0	12/4/2002	8/1/2006	PE 0.78
USG19BMP00007	1	ON		ACT	2.84	1.11	0	1/1/1980	1/1/1980	
USG19BMP00042	1	ON		ACT	0.03	0.03	1	4/1/2017	4/13/2018	

Table B.1.c Reporting Requirements for Alternative BMPs										
More specific data related to alternative BMPs is populated in this table.										
BMP_ID	PROJECT_DESC	PROJECT_LENGTH	ACRES_SWEEP	TIMES_SWEEP	ACRES_PLANTED	IMP_ACR_ELIM	EQU_IMP_ACR	INSTALL_DATE	IMPL_COMP_YR	GEN_COMMENTS
UMCP19BMP0249	Campus Creek Restoration	3039					105.8	10/10/2019		
UMCP19BMP0250	Campus Creek Regenerative Step Pool Conveyance 1						0.58	10/10/2019		
UMCP20BMP0288	Impervious Surface Removal to Pervious 4100 Metzertott Rd					0.222	0.167		2016	
UMCP20BMP0289	Impervious Surface Removal to Pervious 4109 Metzertott Rd					0.0375	0.028		2017	
UMCP20BMP0290	Campus Creek Regenerative Step Pool Conveyance 2						0.31	10/10/2019		
UMCP20BMP0291	Campus Creek Stormwater Bar						0.13	10/10/2019		
UMCP21BMP0296	Impervious Surface Removal to Pervious at Wooded Hillock					0.027	0.02		2020	
UMCP21BMP0297	Impervious Surface Removal to Pervious at Wooded Hillock					0.022	0.017		2020	
UMCP21BMP0298	Impervious Surface Removal to Pervious at Wooded Hillock					0.066	0.05		2020	
UMCP21BMP0299	Impervious Surface Removal to Pervious at 4103 Metzertott Rd					0.089	0.067		2021	
UMCP21BMP0300	Cole Field House Impervious Surface Removal					3.07	2.3		2021	
USG19BMP00004	Outfall Stabilization	50					0.5	8/1/2006		
UMCP25BMP0332	Campus Creek Restoration Phase 2	2318					45.2			Ongoing construction