

**Joint Base Myer-Henderson Hall  
VSMP MS4 General Permit  
2024 Chesapeake Bay Total Maximum Daily Load  
Implementation Annual Status Report**

**Part I.D.2. General Information.**

**a. Permittee:** Joint Base Myer-Henderson Hall

**System Name:** Joint Base Myer-Henderson Hall MS4

**Permit Number:** MS4 General Permit VAR040068

**b. Reporting Period:** 2023-2024 (Period of Report: 1 July 2023 – 30 June 2024)

**c. Signed Certification**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Name: Tasha N. Lowery

Title: COL, U.S. Army, Commanding, Joint Base Myer-Henderson Hall

Signature: HOLLANDSWORTH.BRIAN.LEE.1050409127  
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Date: 2024.09.17 16:50:06 -04'00'

Date: 2024-09-17

**Part II.A.14 Chesapeake Bay TMDL Information**

- a. Progress Toward Meeting Required Reductions (II.A.14.d(1)b and II.A.14.d(2)a, b, and g):** JBM-HH's progress toward meeting the required cumulative reductions for total nitrogen (TN), total phosphorus (TP), and total suspended solids (TSS) is presented in the table at the end of this report. The table includes the types of Best Management Practices (BMPs) implemented, quantities of each type of BMP, BMP locations, pollutant reductions achieved, and overall progress towards the 2028 pollutant reduction goals.
- b. DEQ Best Management Practice (BMP) Warehouse Reporting (II.A.14.d(1)c and II.A.14.d(2)c):** BMP data (including recently implemented BMPs and inspections of preexisting BMPs) will be reported via upload to the DEQ BMP Warehouse by 1 October 2024.
- c. Credits (II.A.14.d(2)e):** No credits were acquired during this reporting period.
- d. Revisions to the Chesapeake Bay TMDL Action Plan (II.A.14.d(2)h):** JBM-HH most recently revised the Chesapeake Bay TMDL Action Plan in September 2023, when it was also submitted to DEQ with the 2023 MS4 Permit Registration Statement. The action plan is currently undergoing review and revision.

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**e. BMPs Planned for Next Reporting Period (II.A.14.d(2)i):**

- Continuation of street/parking lot sweeping. JBM-HH DPW has established a street sweeping contract for sweeping at least 50 curb lane miles with a regenerative air street sweeper twice per week. The contract was awarded and the sweeping began on October 1, 2023. The contract has been renewed to continue in the 2024-2025 reporting year.
- Conversion of a 0.65-acre area of compacted ground formerly used as a horse paddock into a meadow (mixed open). Based on the compacted condition of the ground in this area, VADEQ Construction Division considers this to be impervious, which qualifies this conversion project as a Land Use Change BMP from impervious to mixed open. Construction began in August 2024.
- Additional BMP opportunities are currently being evaluated and will be included in the report for the next reporting period.

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BMP Type	BMP Quantity	Location	TN Removed (lbs/yr)	TP Removed (lbs/yr)	TSS Removed (lbs/yr)	Status/Notes
<b>BMPs Implemented Prior to Reporting Year 2023-2024 (II.A.14.d(1))</b>						
Permeable Pavement	1	Special Events Area (East of Building 411)	4.23	0.59	264.39	Complete
	1	Near Sheridan Avenue and Pershing Drive	2.11	0.3	179.62	
	1	McNair Road Jogging Path	25.17	0.62	1,656.26	Complete (Note: credits in excess of construction project requirements calculated for entire project)
	1	ANC Wall Jogging Path				
Permeable Pavers	4	Old Post Chapel Parking Lot				
	3	Henderson Hall Parking Lot				
Bioswales	1	Near Sheridan Avenue and Pershing Drive	3.94	0.57	269.98	Complete
	2	Within Fitness Center Parking Lot	2.63	0.38	165.1	Complete
Bioretention Areas	1	Special Events Area (East of Building 411)	11.61	1.59	657.01	Complete
	1	Northeast of Building 407	8.71	1.19	423.44	Complete
Demolition to turf	1	Former Building 406	15.07	1.61	747.94	Complete
<b>BMPs Implemented in Reporting Year 2023-2024 (II.A.14.d(2))</b>						
Impervious Conversion to Turf	1	Tennis Court on Buffalo Soldier Avenue	5.59	0.00	1,624.40	Completed August 2023
Street Sweeping twice/week	N/A	Base-wide	33.72	8.1	13,650	Contract awarded, began 10/1/2023, ongoing
Tree Box Filter Units	10	Commissary Parking Lot	20.87	3.15	2,975.85	Completed May 2024
	2	Rader Clinic Parking Lot	3.04	0.51	506.66	
	2	Building 416 Parking Lot	2.19	0.32	291.96	Completed September 2024
<b>Total Pollutant Removal</b>			<b>138.89</b>	<b>18.92</b>	<b>23,412.62</b>	
2023 Pollutant Goal (lb)			104.29	14.53	12,614.31	
% 2023 Goal			133.18%	130.24%	185.60%	
<b>2028 Pollutant Goal (lb)</b>			<b>260.72</b>	<b>36.31</b>	<b>N/A</b>	
% 2028 Goal*			<b>53.27%</b>	<b>52.12%</b>	<b>N/A</b>	