

Chesapeake Bay TMDL Implementation Annual Status Report

Permittee Name:	Permit Number:	Reporting Period:
Permit Requirement	Instruction	Response
<p>“[Include] a list of Chesapeake Bay TMDL action plan BMPs, not including annual practices, implemented prior to the reporting period that includes the following information for reported BMPs: (a) the number of BMPs for each BMP type; (b) the estimated reduction of pollutants of concern achieved by each BMP type and reported in pounds of pollutant reduction per year; and (c) a confirmation statement that the permittee electronically reported Chesapeake Bay TMDL action plan BMPs inspected using the DEQ BMP Warehouse in accordance with Part III.B.5.”</p>	<p>Use the included “CBTMDL Annual Status Report BMP Template” excel file to document a list of Chesapeake Bay TMDL action plan BMPs implemented prior to the reporting period. The included excel file includes fields for selecting the BMP type and specifying the estimated reduction of pollutants of concern achieved by each BMP type. The excel file will also automatically count BMPs by type. A separate tab on the excel file can be used to report annual practices that were implemented during the reporting period. Please check one of the responses in the next column.</p>	<p><i>Please check one:</i></p> <p><input type="checkbox"/> A list of Chesapeake Bay TMDL action plan BMPs implemented prior to the reporting period has been attached.</p> <p><input type="checkbox"/> A list was not attached because there are no Chesapeake Bay TMDL action plan BMPs implemented to date.</p>
	<p>Please check one of the responses in the next column to confirm that existing BMPs have been electronically reported to the DEQ BMP Warehouse in accordance with Part III.B.</p>	<p><i>Please check one:</i></p> <p><input type="checkbox"/> All BMPs implemented and inspected, as applicable, between July 1 and June 30 of the reporting period have been electronically reported to the DEQ BMP Warehouse in accordance with Part III.B.</p> <p><input type="checkbox"/> BMPs implemented and inspected, as applicable, between July 1 and June 30 of the reporting period have not been reported to the DEQ BMP Warehouse in accordance with Part III.B. Please indicate why reporting was not completed below:</p>

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Permittee Name:	Permit Number:	Reporting Period:
Permit Requirement	Instruction	Response
<p>“[Include] a list of newly implemented BMPs including annual practices implemented during the reporting period that includes the following information for each reported BMP or a statement that no BMPs were implemented during the reporting period: (a) The BMP type and a description of the location for each BMP; (b) the estimated reduction of pollutants of concern achieved by each BMP and reported in pounds of pollutant reduction per year; and (c) a confirmation statement that the permittee electronically reported BMPs using the DEQ BMP Warehouse in accordance with Part III.B.3.”</p>	<p>Use the included “CBTMDL Annual Status Report BMP Template” excel file to document a list of Chesapeake Bay TMDL action plan BMPs implemented during the reporting period. The included excel file includes fields for selecting the BMP type, BMP location and specifying the estimated reduction of pollutants of concern achieved by each BMP type. The excel file will also automatically count BMPs by type. A separate tab on the excel file can be used to report annual practices that were implemented during the reporting period. Please check one of the responses in the next column.</p>	<p><i>Please check one:</i></p> <p><input type="checkbox"/> A list of Chesapeake Bay TMDL action plan BMPs implemented during the reporting period has been attached.</p> <p><input type="checkbox"/> A list was not attached because there were no Chesapeake Bay TMDL action plan BMPs implemented during this reporting period.</p>
	<p>Please check one of the responses in the next column to confirm that new BMPs have been electronically reported to the DEQ BMP Warehouse in accordance with Part III.B.</p>	<p><i>Please check one:</i></p> <p><input type="checkbox"/> All BMPs newly implemented and inspected, as applicable, between July 1 and June 30 of the reporting period has been electronically reported to the DEQ BMP Warehouse in accordance with Part III.B.</p> <p><input type="checkbox"/> There were no newly implemented BMPs that required reporting to the BMP Warehouse during the reporting period.</p> <p><input type="checkbox"/> BMPs newly implemented and inspected, as applicable, between July 1 and June 30 of the reporting period have not been reported to the DEQ BMP Warehouse in accordance with Part III.B. Please indicate why reporting was not completed below:</p>

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Permittee Name:	Permit Number:	Reporting Period:		
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<p>"If the permittee acquired credits during the reporting period to meet all or a portion of the required reductions[...], a statement that credits were acquired."</p>	<p>The attached "CBTMDL Annual Status Report BMP Template" excel file has a tab that can be used to report whether credits were acquired during the reporting period.</p>	<p><i>Refer to the "Credits & Annual Practices" tab in the "CBTMDL Annual Status Report BMP Template" excel file.</i></p>		
<p>"The progress, using the final design efficiency of the BMPs, toward meeting the required cumulative reductions for total nitrogen and total phosphorous."</p> <p>If reporting reductions for more than one river basin, please specify the 100% required reductions and achieved reductions to date by each river basin in the far-right column. For example, you may type: "York: 45 lbs/yr Rappahannock: 36 lbs/yr"</p>	<p>Extract the required 100% reductions from the Chesapeake Bay TMDL action plan and enter the values in the column to the right. Then, sum the total estimated reduction of pollutants of concern achieved by BMPs implemented prior to and during the reporting period, any credits acquired, and annual practices implemented during this reporting period and provide the totals in the column to the right. Note: pollutant load reductions generated by annual practices shall only be applied to the reporting period in which the annual practice was implemented. Do not use annual practice load reductions from prior reporting periods when completing this information.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;">Required 100% reduction for Total Nitrogen (lbs/year):</td> <td style="width: 30%;"></td> </tr> </table>	Required 100% reduction for Total Nitrogen (lbs/year):	
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;">Required 100% reduction for Total Phosphorus (lbs/year):</td> <td style="width: 30%;"></td> </tr> </table>	Required 100% reduction for Total Phosphorus (lbs/year):			
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;">Achieved Total Nitrogen reduction to date (lbs/year):</td> <td style="width: 30%;"></td> </tr> </table>	Achieved Total Nitrogen reduction to date (lbs/year):			
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;">Achieved Total Phosphorous reduction to date (lbs/year):</td> <td style="width: 30%;"></td> </tr> </table>	Achieved Total Phosphorous reduction to date (lbs/year):			
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<p>"[Include] any revisions made to the Chesapeake Bay TMDL action plan."</p>	<p>Briefly summarize any revisions that were made to the Chesapeake Bay TMDL action plan during the reporting period and include the summary in the column to the right.</p>	<p><i>Please check one:</i></p> <p><input type="checkbox"/> There were no revisions during the reporting period.</p> <p><input type="checkbox"/> There were revisions during the reporting period as summarized below:</p>		
<p>"[Include] a list of BMPs that are planned to be implemented during the next reporting period."</p>	<p>Provide a summary of any BMPs planned to be implemented between July 1 and June 30 of the next reporting period in the column to the right. Include any project name(s) and type(s) of BMP(s).</p>			

BMPs Implemented During This Reporting Period		BMP Location	Estimated Reduction of Pollutants of Concern Achieved		BMP "Other" Explanation
			Total Nitrogen (lbs/year)	Total Phosphorous (lbs/year)	
BMP ID	BMP Type				
2007-0009 01	MTD/Proprietary: Hydrodynamic Devices	North Alexandria Electrical Substation	0	0.13	Private
2012-0007 01	Bioretention (inc. Urban Bioretention)	Enterprise Rent-A-Car	26.8	1.82	Private
2012-0007 02	MTD/Proprietary: Filtering Devices	Enterprise Rent-A-Car	0	0.05	Private
2012-0007 03	MTD/Proprietary: Filtering Devices	Enterprise Rent-A-Car	0	0.05	Private
2015-0027 A	MTD/Proprietary: Filtering Devices	Brandywine Senior Living at Cameron Park	0	0.97	Private
2016-0039 01	Bioretention (inc. Urban Bioretention)	New West End Elementary School	1.29	0.1	Private
2016-0039 02	Bioretention (inc. Urban Bioretention)	New West End Elementary School	1.19	0.09	Private
2016-0039 03	MTD/Proprietary: Filtering Devices	New West End Elementary School	0	0.04	Private
2016-0040 01	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	0.49	0.03	Private
2016-0040 02	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	1.26	0.08	Private
2016-0040 03	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	0.43	0.03	Private
2016-0040 04	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	1.04	0.07	Private
2016-0040 05	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	4.91	0.3	Private
2016-0040 06	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	0.35	0.02	Private
2016-0040 07	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	0.8	0.05	Private
2016-0040 08	Bioretention (inc. Urban Bioretention)	Braddock Gateway Phase II	4.85	0.29	Private
2016-0040 09	MTD/Proprietary: Hydrodynamic Devices	Braddock Gateway Phase II	0	0.77	Private
2016-0040 10	MTD/Proprietary: Hydrodynamic Devices	Braddock Gateway Phase II	0	0.21	Private
2017-0025 01	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.4	0.05	Public
2017-0025 02	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.2	0.02	Public
2017-0025 03	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.22	0.03	Public
2017-0025 04	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.24	0.03	Public
2017-0025 05	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.24	0.03	Public
2017-0025 06	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.24	0.03	Public
2017-0025 07	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.24	0.04	Public
2017-0025 08	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.34	0.03	Public
2017-0025 09	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.24	0.03	Public
2017-0025 10	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.23	0.03	Public
2017-0025 11	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.24	0.02	Public
2017-0025 12	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.21	0.04	Public
2017-0025 13	Bioretention (inc. Urban Bioretention)	1201 North Royal Street	0.3	0.02	Public
2017-0025 14	MTD/Proprietary: Hydrodynamic Devices	1201 North Royal Street	0	0.25	Private
2017-0025 15	Vegetated Roof	1201 North Royal Street	0.45	0.06	Private
2017-0025 16	Vegetated Roof	1201 North Royal Street	0.46	0.06	Private
2018-0007 01	Vegetated Roof	Braddock Gateway Phase III	0.39	0.07	Private
2018-0007 02	MTD/Proprietary: Hydrodynamic Devices	Braddock Gateway Phase III	0	0.88	Private
2018-0030 01	Bioretention (inc. Urban Bioretention)	St. Stevens & St. Agnes Upper School	0.67	1.56	Private
2018-0030 02	MTD/Proprietary: Hydrodynamic Devices	St. Stevens & St. Agnes Upper School	0	0.16	Private
2019-0001 01	Vegetated Roof	1300 King Street	0.56	0.08	Private
2019-0001 02	MTD/Proprietary: Hydrodynamic Devices	1300 King Street	0	0.14	Private
2022-0004 01	Permeable Pavement	Edgewood Towns	1.55	0.22	Private
2022-0004 02	Bioretention (inc. Urban Bioretention)	Edgewood Towns	0.04	0.06	Private

Number of BMPs by Type	
Rooftop (Impervious Surface) Disconnection	0
Sheet Flow to Veg. Filter Strip/Conserved Open Space	0
Grass Channels	0
Soil Compost Amendment	0
Vegetated Roof	4
Rainwater Harvesting	0
Permeable Pavement	1
Infiltration Practices	0
Bioretention (inc. Urban Bioretention)	26
Dry Swales	0
Wet Swales	0
Filtering Practices	0
Constructed Wetlands	0
Wet Ponds	0
Extended Detention (ED) Ponds	0
MTD/Proprietary: Hydrodynamic Devices	7
MTD/Proprietary: Filtering Devices	4
Land Use Change	0
Forest Buffer	0
Urban Stream Restoration	0
Outfall and Gully Stabilization	0
Urban Nutrient Management	0
Urban Tree Canopy Expansion	0
Septic Disconnection	0
Other (Explain)	0

Total Estimated Reductions for Newly Implemented BMPs	
Total Nitrogen (lbs/year)	50.87
Total Phosphorous (lbs/year)	9.04

BMPs Implemented Prior to This Reporting Period		Estimated Reduction of Pollutants of Concern Achieved		BMP "Other" Explanation
		Total Nitrogen (lbs/year)	Total Phosphorous (lbs/year)	
Number of BMPs	BMP Type			
137	Bioretention (inc. Urban Bioretention)	256.36	34.07	
1	Constructed Wetlands	170	10.578	
1	Dry Swales	4.35	0.58	
22	Extended Detention (ED) Ponds	18.99	5.98	
163	Filtering Practices	417.92	59.36	
5	Infiltration Practices	98.72	6.78	
79	MTD/Proprietary: Filtering Devices	236.88	69.01	
58	MTD/Proprietary: Hydrodynamic Devices	215.33	32.26	
4	Other (Explain)	166.6	17.4	Accounting for 2006 - 2019 New Source Offsets and Grandfathered Projects discussed in Chesapeake Bay TMDL Action Plan in further detail.
30	Permeable Pavement	16.06	2.24	
13	Sheet Flow to Veg. Filter Strip/Conserved Open Space	12.02	0.75	
2	Urban Stream Restoration	688.54	260.09	
20	Vegetated Roof	38.91	5.22	
5	Wet Ponds	3705.18	478.63	

Total Estimated Reductions for Prior Implemented BMPs	
Total Nitrogen (lbs/year)	6045.86
Total Phosphorous (lbs/year)	982.948

Credits Acquired & Annual Practices Implemented This Reporting Period

Were any credits acquired **during this reporting period**? If yes, please complete the following information.

Please Select Y/N:

No

Total Nitrogen (lbs/year) 0

Total Phosphorous (lbs/year) 0

Were annual practices implemented **during this reporting period**? If yes, please complete the following information. Provide the **total** amount of reductions achieved from annual practices, then describe the practices used and annual credits achieved for each type.

Please Select Y/N:

No

Total Nitrogen (lbs/year)

Total Phosphorous (lbs/year)

Annual Practice Types (please describe all annual practices used this reporting period and list individual TN and TP reductions for each practice type used):

Text will wrap automatically

Please enter all cumulative perpetual credits **acquired to date**, including credits acquired during this period.

Total Nitrogen (lbs/year) 0

Total Phosphorous (lbs/year) 0.03