

Millbrook HS/Redbud Run ES-Small MS4 Annual Report

3. Annual Report for the reporting period of July 1, 2019 through June 30, 2020.

a. Background Information

Frederick County Public Schools

Millbrook High School/Redbud Elementary School Campus #VAR040113

Permit Year: 2019-2020

No modifications have been made to any operator's roles and responsibilities

No new MS4 outfalls and associated acreage by HUC have been added during this permit year.

Signed certification for report is attached.

- b.* Status of compliance with state permit conditions, an assessment of the appropriateness of the identified best management practices (BMPs) and progress toward achieving the identified measurable goals for each of the minimum control measures are included in the attached chart titled "Item B."
- c.* Results of information collected and analyzed, including any monitoring data, if any, during the reporting cycle have been included in the appendices of this report.
- d.* A summary of the stormwater activities that the operator plans to undertake during the next reporting period is included in the chart titled "Items D & E". (to be submitted in an addendum at a later date)
- e.* A summary of the BMPs addressing any changes in best management practices or measurable goals is included in the chart titled "Items D & E" of this report. (to be submitted in an addendum at a later date)
- f.* The operator is relying on Frederick County Parks and Recreation Department (government entity) through a "Cooperative Use Agreement" to satisfy some of the state permit obligations.
- g.* There are no applicable programs in regards to the approval status of programs pursuant to Section II C. of the general permit, or the progress towards achieving full approval of these programs.
- h.* Information required for any applicable TMDL special condition contained in Section I of the general permit.

An amendment to the approved Chesapeake Bay TMDL Action Plan –Phase II has been submitted and awaiting approval from DEQ. Construction documents for implementation of the TMDL action plan are 90% complete and project should be able to go out to bid by the end of August 2020; construction would occur this fall (September-October).

	Best Management Practice (BMP)	Status of Compliance	Assessment of Appropriateness	Progress toward Measurable Goals
MCM 1 Public Education and Outreach on Stormwater Impacts	BMP 1.1-School Curriculum	Yes	Both Redbud Elementary and Millbrook High curriculum address one or more of the <i>high impact water quality issues</i> . (see <i>BMP 1.1 in appendix for specific details</i>)	Measurable goals have been met.
MCM 1 Public Education and Outreach on Stormwater Impacts	BMP 1.2-School Newsletters	Yes	Newsletters from both sites were sent electronically to parents and staff. Each site has 4 newsletters; however, due to the coronavirus and closing of schools-no newsletter were sent in the spring. Newsletters from both sites covered one or more high impact quality water issues <i>either in the article or a link</i> . (see <i>BMP 1.2 in appendix for specific details</i>).	Measurable goals have been met.
MCM 1 Public Education and Outreach on Stormwater Impacts	BMP 1.3-School Websites	Yes	Each school's website has link to the MS4 website page. The page contains a link to the EPA site with links to access to a wide array of articles which address the high impact water quality issues.	Measurable goals have been met.
MCM 2 Public Involvement/ Participation	BMP 2.1-MS4 Program Plan	Yes	No public comments were received; no plan revisions were made this reporting year	Measurable goals have been met.
MCM 2 Public Involvement/ Participation	BMP 2.2-Activity Participation	Yes	Documents submitted are appropriate for BMP (See <i>BMP 2.2 in appendix for specific details</i>)	Measurable goals have been met.
MCM 3 Illicit Discharge Detection and Elimination	BMP 3.1-Storm Drain Map	Yes	One new BMP has been added per the Chesapeake Bay TMDL. The storm drain map has been updated.	Measurable goals have been met.
MCM 3 Illicit Discharge Detection and Elimination	BMP 3.2-Illicit Discharge Screening	Yes	Quarterly inspections were done at both sites. (Appendix-BMP 3.2)	Measurable goals have been met.
MCM 3 Illicit Discharge Detection and Elimination	BMP 3.3-Illicit Discharge Reporting	Yes	No illicit discharges reported for the 2019-2020 reporting period.	Measurable goals have been met.

	Best Management Practice (BMP)	Status of Compliance	Assessment of Appropriateness	Progress toward Measureable Goals
MCM 4 Construction Site Stormwater Runoff Control	BMP 4.1-Erosion and Sediment Control Design	Yes	No construction projects on campus	Measureable goals have been met.
MCM 4 Construction Site Stormwater Runoff Control	BMP 4.2-Erosion and Sediment Control for Construction	Yes	No construction project on campus	Measureable goals have been met
MCM 4 Construction Site Stormwater Runoff Control	BMP 4.3-Erosion and Sediment Control for Small Projects	Yes	No construction projects on campus	Measureable goals have been met.
MCM 4 Construction Site Stormwater Runoff Control	BMP 4.4-Clerk of the Works for VSMP Projects	Yes	FCPS has a Clerk of Works; however no construction projects occurred in 2019-2020 reporting year.	Measureable goals have been met.
MCM 4 Construction Site Stormwater Runoff Control	BMP 4.5-Public Reporting of Erosion and Sediment Control Issues	Yes	Reporting mechanism is available. No erosion issues were reported.	Measureable goals have been met.
MCM 5 Post-Construction Stormwater Management in New Development and Development on Prior Developed Lands	BMP 5.1-Stormwater Management Facilities Design	Yes	No land disturbing activities occurred in the 2019-2020 reporting year.	Measureable goals have been met.
MCM 5 Post-Construction Stormwater Management in New Development and Development on Prior Developed Lands	BMP 5.2-Stormwater Management Facilities Inspections and Inventory	Yes	An updated copy of the electronic spreadsheet and confirmation statement confirming that information has been reported to the DEQ BMP Warehouse can be found in the Appendix-BMP 5.2	Measureable goals have been met.
MCM 5 Post-Construction Stormwater Management in New Development and Development on Prior Developed Lands	BMP 5.3-Stormwater Management Facilities Inspections and Maintenance	Yes	Inspections have been completed. No maintenance projects were required. (See Appendix BMP 5.3 for completed inspections.)	Measureable goals have been met.

	Best Management Practice (BMP)	Status of Compliance	Assessment of Appropriateness	Progress toward Measurable Goals
MCM 6 Pollution Prevention/Good Housekeeping for Facility Operations	BMP 6.1 -Operations and Maintenance	Yes	No changes to database.	Measurable goals have been met.
MCM 6 Pollution Prevention/Good Housekeeping for Facility Operations	BMP 6.2 -Nutrient Management	Yes	Updated Nutrient Plan is in place (see Appendix BMP 6.2 for specific details).	Measurable goals have been met.
MCM 6 Pollution Prevention/Good Housekeeping for Facility Operations	BMP 6.3 -Training Programs	Yes	Two agencies responsible for training completed training for the 2019-2020 reporting year. (see Appendix-BMP. 6.3 for details)	Measurable goals were not met; agency that did not document training has been notified.