

Maryland Department of the Environment (MDE)

**National Pollutant Discharge Elimination System (NPDES)
Small Municipal Separate Storm Sewer Systems (MS4) General Permit**

This Progress Report is required for those State and federal agencies covered under General Discharge Permit No. 13-SF-5501. Progress Reports must be submitted to:

Maryland Department of the Environment, Water and Science Administration
Sediment, Stormwater, and Dam Safety Program
1800 Washington Boulevard, Suite 440, Baltimore, MD 21230-1708
Phone: 410-537-3543 FAX: 410-537-3553
Web Site: www.mde.maryland.gov

Contact Information

Permittee Name:	NPS George Washington Memorial Parkway (GWMP)
Responsible Personnel:	Charles Cuvelier
Mailing Address:	700 George Washington Memorial Parkway McClellan, VA 22101
Phone Number(s):	703-289-2500
Email address:	charles cuvelier@nps.gov
Additional Contact(s):	Robert Mocko
Mailing Address:	700 George Washington Memorial Parkway
Phone Number(s):	703-289-2540
Email address:	robert mocko@nps.gov

Signature of Responsible Personnel

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.

Charles Cuvelier
Printed Name

Charles Cuvelier
Signature

10-29-2019
Date

Reporting Period (State Fiscal Year): July 1 - June 30, 2019

Due Date: 10/31/19

Date of Submission:

Type of Report Submitted:

Impervious Area Restoration Progress Report (Annual):

Six Minimum Control Measures Progress (Years 2 and 4):

Both:

Permittee Information:

Renewal Permittee:

New Permittee:

Compliance with Reporting Requirements

Part VI of the Small MS4 General Discharge Permit (No. 13-SF-5501) specifies the reporting information that must be submitted to MDE to demonstrate compliance with permit conditions. The specific information required in this MS4 Progress Report includes:

1. Annual: Progress toward compliance with impervious area restoration requirements in accordance with Part V of the general permit. All requested information and supporting documentation must be submitted as specified in Section I of the Progress Report.
2. Years 2 and 4: Progress toward compliance with the six minimum control measures in accordance with Part IV of the general permit. All requested information and supporting documentation shall be reported as specified in Section II of the Progress Report. MDE may request more frequent reporting and/or a final report in year 5 if additional information is needed to demonstrate compliance with the permit.

Instructions for Completing Appendix D Reporting Forms

The reporting forms provided in Appendix D allow the user to electronically fill in answers to questions. Users may enter quantifiable information (e.g., number of outfalls inspected) in text boxes. When a more descriptive explanation is requested, the reporting forms will expand as the user types to allow as much information needed to fully answer the question. The permittee must indicate in the forms when attachments are included to provide sufficient information required in the MS4 Progress Report.

Section I: Impervious Area Restoration Reporting Form

Section I: Impervious Area Restoration Reporting

1. a. Was the impervious area baseline assessment submitted in year 1?

Yes 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?

Yes No

2. Complete the information below based on the most recent data:

Total impervious acres of area covered under this permit:

47.59

Total impervious acres treated by stormwater water quality best management practices (BMPs):

0

Total impervious acres treated by BMPs providing partial water quality treatment (multiply acres treated by percent of water quality provided):

0

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

0

Total impervious acres untreated:

47.59

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

9.52

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:

Not applicable

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

Section I: Impervious Area Restoration Reporting

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:

The GWMP impervious area restoration work plan will be submitted to MDE with, or immediately prior to, the submission of this annual progress report.

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:

In this initial permit year park staff have completed the impervious area calculations and have identified the projects it will implement to meet the 20% restoration requirement by 2023.

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:

Not applicable since the planned restoration schedule already accounts for the complete 20% restoration requirement.

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

Not applicable at this time.

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?

Section I: Impervious Area Restoration Reporting

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:

The BMP stream restoration projects are not yet complete.

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

- *Identify and work with partners to evaluate watersheds and feasibility for restoration.*
- *Modify (as needed) list of specific projects to be implemented for restoration and update the Restoration Activity Schedule.*
- *Evaluate and refine budget needs for project implementation.*
- *Submit MS4 Annual Report to MDE.*

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

- *Park wrote an Environmental Assessment and signed a Finding of No Significant Impacts document in 2019, identifying alternatives Identify and work with partners to evaluate watersheds and feasibility for restoration.*
- *Worked closely with the Bethesda community, and incorporated their comments into the document*
- *Currently working with the Intelligence Community Campus in Bethesda to provide funding for the restoration project now that compliance has been complete.*

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

Estimated to cost \$318,000.