

**ST. MARY'S COUNTY  
ANNUAL REPORT FY 2020**

**FOR**

**GENERAL DISCHARGE PERMIT NO. 13-IM-5500  
GENERAL NPDES NO. MDR055500**

October 20, 2020



**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
GENERAL PERMIT FOR DISCHARGES FROM  
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS**

**Appendix D**  
**Municipal Small MS4 Progress Report**

**APPENDIX D**  
**Municipal Small MS4 Progress Report**

**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 jurisdictions covered under General Discharge Permit No. 13-IM-5500. 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](http://www.mde.maryland.gov)

**Contact Information**

|                        |   |
|------------------------|---|
| Permittee Name:        | St. Mary's County   |
| Responsible Personnel: | John F. Deatruck, Director                                    |
| Mailing Address:       | St. Mary's County DPW&T, P.O. Box 508<br>California, MD 20619 |
| Phone Number(s):       | (301) 475-4200 ext. 73510                                     |
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| Mailing Address:       | St. Mary's County DPW&T, P.O. Box 508                         |
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| Email address:         | donald.mills@stmarysmd.com                                    |

**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.

John F. Deatruck  
Printed Name

  
Signature

10/21/2020  
Date

**Reporting Period (State Fiscal Year):**

2020

**Due Date:**

10/30/2020

**Date of Submission:**

10/23/2020

**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-IM-5500) 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 jurisdiction covered under this permit:

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

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

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

Total impervious acres untreated in the jurisdiction:

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:

*Impervious area draining to BMPs with missing documentation was included in the total untreated impervious acres in the jurisdiction.*

2. 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

*A Revision is attached to this report form.*

### 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:

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:

*Documented restoration projects in the amount of 499.46 acres completed between January 2006 and October 2020 are calculated to provide enough treatment to meet St. Mary's County restoration goal. The County has an additional 60-62 acres of restoration credit from future shoreline management and outfall restoration projects currently in the planning phase or under construction. Although the County meets their goal, additional projects are being documented and completed to meet County needs as well as to address the potential future restoration requirements.*

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

Yes  No

*See below*

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

*See below*

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:

*No Additional projects are required to meet the 2025 date active projects on the Schedule is supplemental and above the requirements. A complete list of projects is provided. This list may be updated if additional restoration projects are documented.*

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

*Restoration projects completed from January 2006 to October 2020 have surpassed the St. Mary's County restoration goal. See attached Table 1 for project descriptions and treatment.*

**Section I: Impervious Area Restoration Reporting**

|  |
|--|
| <p>4. Has the BMP database been submitted to MDE in Microsoft Excel format in accordance with Appendix B, Tables B.1.a, b, and c?<br/><input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No</p> <p>Is the database complete?<br/><input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No</p> <p>If either answer is No, describe efforts underway to complete all data fields, and a date that MDE will receive the required information:</p>  |
| <p>5. Provide a summary of impervious area restoration activities planned for the next reporting cycle (attach additional information if necessary):</p> <p><i>The County will continue documenting additional restoration projects being completed according to State requirements as a part of County Capital Improvement Projects, County facility maintenance projects, and private development projects. The County will also continue maintenance efforts to restore failing BMPs to functioning condition. Refer to the MCM Progress Details Report for the Post Construction Runoff MCM.</i></p> |
| <p>6. Describe coordination efforts with other agencies regarding the implementation of impervious area restoration activities:</p> <p><i>County Coordinates with UMD Extension on implementing/documenting homeowner BMPs, and the Health Department on additional BAT installations. County also documents additional outfall projects by the Town of Leonardtown and the Soil Conservation District as information becomes available.</i></p>   |
| <p>7. List total cost of developing and implementing the impervious area restoration program during the permit term:</p> <p><i>St. Mary's County expended an estimated \$35,000 toward documenting compliance with the restoration program requirements at the end of year 2.</i></p>  |



| Table.1 Restoration Activity Schedule                       |          |            |                          |                                |                |                              |
|---|----------|------------|--------------------------|--------------------------------|----------------|------------------------------|
| Type of Restoration Project                                 | BMP Code | Cost (\$K) | Impervious Acres Treated | Imperv Acre Target and Balance | Project Status | Year Completed               |
|   |          |            |                          | 428.18                         |                |                              |
| BAT conversion (septic denitrification)                     | SEPC     |            | 198.38                   | 229.80                         | C              | May 2007 - July 2019         |
| Outfall stabilization                                       | OUT      |            | 22.23                    | 207.57                         | C              | January 2006 - October 2019  |
| Shoreline stabilization                                     | SHST     |            | 114.48                   | 93.09                          | C              | January 2008 - July 2016     |
| BMP redevelopment/restoration                               | REDE     |            | 32.17                    | 60.92                          | C              | January 2008 - December 2018 |
| Dry pond retrofit to wet (WQ & NR Project)                  | PWET     |            | 99.04                    | -38.12                         | C              | July 2019                    |
| Impervious removal  | IMPP     |            | 2.09                     | -40.21                         | C              | January 2015 - December 2016 |
| BMP redevelopment/restoration                               | REDE     |            | 3.53                     | -43.74                         | C              | January 2019 – May 2019      |
| BAT conversion (septic denitrification)                     | SEPC     |            | 15.86                    | -59.60                         | C              | July 2019 – June 2020        |
| Shoreline Stabilization (St. Inigoes)                       | SHST     |            | 11.68                    | -71.28                         | C              | November 2019                |
| Shoreline Stabilization (Piney Point Lighthouse Addition)** | SHST     | 820        | 40                       | -111.28                        | P              | January 2020-December 2025   |
| Living Shoreline (Piney Point Rd)**                         | SHST     | 372        | 20                       | -131.28                        | P              | January 2021-December 2025   |
| Outfall Stabilization (Chopticon HS)**                      | OUT      | 350        | To be determined         | -131.28                        | P              | January 2020-December 2025   |

\*See attached report for a listing of individual projects with dates completed and exact locations.

\*\* Addressed in Attachment A, Phase II MS4 Additional Restoration Activities Schedule

## **Section II: Minimum Control Measures Reporting Forms**

**MCM #1: Public Education and Outreach**

1. Does the permittee maintain a process and phone number for the public to report water quality complaints?

Yes  No

Number of complaints received:

3

Describe the actions taken to address the complaints:

*Next day inspections determined that the specific complaints were not stormwater pollution issues:*

- 1. Foundation waterproofing. Minor grading and topsoil stockpiling during dry weather.*
- 2. Complaint on hobbies sandblasting in driveway – No noticeable debris at inspection*
- 3. Reported Truck Spill – Report forwarded to VFD – Report from VFD : No traces of chemical smell or residue or spillage at the location. Dry weather day.*

2. Describe training to employees to reduce pollutants to the MS4:

*Training Program still under development – See Progress Detail Report*

3. Describe the target audience(s) within the jurisdiction:

*Training Program still under development – See Progress Detail Report*

4. Are examples of educational/training materials attached with this report?

Yes  No

Provide the number and type of educational materials distributed:

Describe how the public outreach program is appropriate for the target audience(s):

*Training Program still under development – See Progress Detail Report*

5. Describe how stormwater educational materials were distributed to the public (e.g., newsletters, website):

*Outreach Materials currently on County Website – Expanded materials and distribution channels still under development - See Progress Detail Report*

6. Describe how educational programs facilitated efforts to reduce pollutants in stormwater runoff:

*Outreach Program materials still under development – See Progress Detail Report*

1. Provide a summary of the activities planned for the next reporting cycle:
  - a. *Upgrade the County web page to enhance presence of SWM and Pollution Prevention content*
  - b. *Meet with the university of Maryland Extension is currently under way to develop the Roll Out Plan which will identify what information will be developed for use, and in what time frames.*
  - c. *Materials posting and dissemination to be performed by 4/30/2021*
  - d. *Development of additional partnering opportunities – See Progress Detail Report*

7. List the total cost of implementing this MCM over the permit term:  
*Accounting cost structure and resourcing is not tracked at this level.*

## MCM #2: Public Involvement and Participation

1. Describe how the public involvement and participation program is appropriate for the target audience(s):

*Current program focuses on the residential nature of much of the County's population independent of property ownership status, addressing the major impacts from materials control, recycling and conservation of resources.*

2. Quantify and report public involvement and participation efforts shown below where applicable.

Number of participants at public events:

1441

Quantity of trash and debris removed at clean up events:

No events

Number of employee volunteers participating in sponsored events:

3

Number of trees planted:

Not done

Length of stream cleaned (feet):

Not done

Number of storm drains stenciled:

Not done

Number of public notices published to facilitate public participation:

3\*

Number of public meetings organized:

1

Total number of attendees at all public meetings:

COVID

Describe the agenda, items discussed, and collaboration efforts with interested parties for public meetings:

*\*Note: - Public Notices – Most done through Facebook and U of M webpage.*

*New IDDE Ordinance – Multiple communications and meetings with stakeholders on details to develop consensus and acceptance prior to County action.*

Describe how public comments have been incorporated into the permittee's MS4 program, including water quality improvement projects to address impervious area restoration requirements:

*No restoration projects are currently required. Public comments are not solicited on regulatory requirement activities.*

*Homeowner practices coordinated under Public Involvement activities for WQ practices.*

## MCM #2: Public Involvement and Participation

Describe any additional events and activities if applicable:

*The County continues to utilize its partnership with the University of Maryland Extension under their Sea Grant Extension Program. It has increased its shared sponsorship (with Calvert County) of the now full-time Watershed Educator within the UofM Extension Sea Grant Program to coordinate community watershed activities.*

3. Provide a summary of activities planned for the next reporting cycle:

*1.) Potential community tabling events/educational booth*

- Earth Day on the Square (Leonardtown) – Spring*
- River Fest (Historic St. Mary's City) – Saturday, late September*
- St. Mary's County Fair (St. Mary's Fairgrounds) – weekend in late September*

*2.) Workshops*

- Environmental Stewardship Event – Summer*
- Workshops: Backyard Composting, Rain Barrels, Septic Solutions 101*
- Watershed Stewards Academy – Joint – Open for Calvert and St. Mary's Counties' residents*

*3.) Current St. Mary's County programs and partner programs to help promote*

- Hazardous Waste Collection Days*
- Recycling – general practice, paper shredding*
- Backyard Buffers Program – St. Mary's WSA and Dept. of Natural Resources*

4. List the total cost of implementing this MCM for the permit term:

*UofM Extension's support is an aggregated cost. Specific support cost for this function is not broken out within the County budget line item. The same is true for the County's dedicated MS4 personnel and the contract support.*

**MCM #3: Illicit Discharge Detection and Elimination (IDDE)**

1. Does the permittee maintain a map of the MS4 owned or operated by the permittee, including stormwater conveyances, outfalls, stormwater best management practices (BMPs), and waters of the U.S. receiving stormwater discharges?  
 Yes  No

If Yes, attach the map to this report and provide a progress update on any features that are still being mapped. If No, detail the current status of map development and provide an estimated date of submission to MDE:

*BMPs, storm drains and culverts are mapped. Mapping of conveyances and outfalls is about 60% complete – See MCM Appendix E*

2. Does the permittee have an ordinance, or other regulatory means, that prohibits illicit discharges?  
 Yes  No

If Yes, describe the means for enforcement utilized by the permittee (alternatively, a link may be provided to the permittee’s webpage where this information is available). If No, describe the permittee’s plan, including approximate time frame, to establish a regulatory means to prohibit illicit discharges:

*The approved IDDE Ordinance is included with this annual submission and will shortly be on the County web page.*

3. Describe the process the permittee utilizes for gaining access to private property to investigate and eliminate illicit discharges:

*Reference Ordinance:*

- 1. First Effort – Request permission to enter property from resident/owner/property manager.*
- 2. Ordinance Section 265-12 - If the violation constitutes an imminent or substantial endangerment to public health or public safety, DPW&T is authorized to enter upon the subject private property, without giving prior notice, to take any and all measures necessary to abate the violation*

4. Did the permittee submit to MDE standard operating procedures (SOPs) in accordance with Part IV.C of the permit?  
 Yes  No

If No, provide a proposed date that SOPs will be submitted to MDE. MDE may require more frequent reports for delays in program development:

*Attached with the Annual Report submission for review and approval.*

**MCM #3: Illicit Discharge Detection and Elimination (IDDE)**

Did MDE approve the submitted SOPs?

Yes  No

If No, describe the status of requested SOP revisions and approximate date of resubmission for MDE approval:

*Attached with the Annual Report submission for review and approval.*

5. Describe how the permittee prioritized screening locations in areas of high pollutant potential and identify the areas within which screenings were conducted during this reporting period:

*Screening Criteria will be through random selection from the outfall data set, and then prioritized by market segments. The first 85 percent of inspections are focused on the Urbanized and/or industrialized locations. Iterative selection and assessment is required to populate the inspection set. As the original outfalls were table top developed, a normal set will include 10% extra to ensure a full set is inspectable outfalls is developed. Final inspection points ae adjusted in the field as necessary to obtain the best available data.*

6. Answers to the following questions must reflect this two-year reporting period.

How many outfalls are identified on the map?

How many outfalls were required to be screened for dry weather flows to meet the minimum numeric requirement (i.e., 20% of total outfalls, up to 100)?

How many outfalls were screened for dry weather flows?

Per the permittee's SOP, how frequently were outfalls required to be screened?

Once

At what frequency were outfalls screened during the reporting period?

Once

How many dry weather flows were observed?

If dry weather flows were observed, how many were determined to be illicit discharges?

Describe the investigation process to track and eliminate each suspected illicit discharge and report the status of resolution:

*Reference section Field Investigation and Enforcement Actions section of the SOP:*



**MCM #3: Illicit Discharge Detection and Elimination (IDDE)**

|   |
|---|
| <p><i>(Paraphrased) - Investigate promptly, once detected, follow to source, contact the property owner to address resolution. For identified hazardous conditions/concerns monitor and activate additional County resources as required.</i></p>   |
| <p>7. Describe maintenance or corrective actions undertaken during this reporting period to address erosion, debris buildup, sediment accumulation, or blockage problems:</p> <p><i>Maintenance and corrective actions are addressed under the Post Construction Runoff Minimum Control Measure. Issues identified during IDDE inspections are forwarded for Follow up inspection and notification on private sites or the MS4 Program Manager on County sites for Contract Maintenance actions.</i></p>  |
| <p>8. Is the permittee maintaining all IDDE inspection records and are they available to MDE during site inspections?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>  |
| <p>9. If spills, illicit discharges, and illegal dumping occurred during this reporting period, describe the corrective actions taken, including enforcement activities, and indicate the status of resolution:</p> <p><i>IDDE ordinance to become affective 1/4/2021</i></p>   |
| <p>10. Attach to this report specific examples of educational materials distributed to the public related to illicit discharge reporting, illegal dumping, and spill prevention. If these are not available, describe plans to develop public education materials and submit examples with the next Progress Report:</p> <p><i>See the current County web page information exhibited in the MCM Progress Details Report. Additional Program materials are also under development as part of the Public Education development activities</i></p> |
| <p>11. Specify the number of employees trained in illicit discharge detection and spill prevention: <input type="text" value="TBD"/></p> <p>12. Provide examples of training materials. If not available, describe plans to develop employee training and submit examples with the next Progress Report:</p> <p><i>Program materials still under development Completion before end of Calendar year 2020 to support the effective date of the new Ordinance (January 4, 2021) – See Progress Detail Report.</i></p>                             |
| <p>13. List the cost of implementing this MCM during this permit term:</p> <p><i>Accounting cost structure and resourcing is not tracked at this level.</i></p>   |

**MCM #4: Construction Site Stormwater Runoff Control**

**Erosion & Sediment Control Program Procedures, Ordinances, and Legal Authority**

1. Does the permittee have an MDE approved ordinance?

Yes  No

Has the permittee submitted modifications to MDE?

Yes  No

Has the adopted ordinance been submitted to MDE?

Yes  No

If No, is the adopted ordinance attached?

Yes  No

2. Does the permittee rely on the County, local Soil Conservation District, or MDE to perform any or all requirements for an acceptable erosion and sediment control program?  Yes  No

If Yes, check all that apply:

Plan Review and Approval

Construction Inspections

Enforcement

3. Does the permittee have a process to ensure that all necessary permits for a proposed development have been obtained prior to issuance of a grading or building permit?

Yes  No

Explain how the permittee ensures all permits are in place:

*County Grading Permits are not issued until SCD approves the plans and MDE's General Permit for Stormwater Associated with Construction Activity has been issued*

**Erosion & Sediment Control Program Implementation Information**

1. Does the permittee have a process for receiving, investigating, and resolving complaints from interested parties related to construction activities and erosion and sediment control?

Yes  No

Describe the process:

*County is not the Designated Authority*

Provide a list of all complaints and summary of actions taken to resolve them:

*County is not the Designated Authority*

**MCM #4: Construction Site Stormwater Runoff Control**

2. Total number of active construction projects within the reporting period:

Provide a list of all construction projects and disturbed areas:

*List of Active projects is contained in Appendix F of the MCM Progress Details Report*

Does the permittee submit grading reports to MDE (only applies if the permittee has an MDE approved ordinance)?

Yes  No  N/A

3. Total number of violation notices issued related to this MCM within the permit area (report total number whether the permittee or another entity performs inspections):

Describe the status of enforcement activities:

*County is not the Designated Authority*

Describe how the permittee communicates and collaborates with the enforcement authority for violations within the permit area. Include measures taken by the permittee such as suspending or denying a building or grading permit in order to prevent the discharge of pollutants into the MS4:

*County inspectors and DPW&T staff routinely identify such sites and advise both those responsible for the construction project and the MDE assigned Inspector of the perceived failures to affect immediate actions.*

Are erosion and sediment control inspection records retained and available to MDE during field review of local programs?

Yes  No

If No, explain:

*County is not the Designated Authority*

4. Number of staff trained in MDE's Responsible Personnel Certification:

5. Describe the coordination efforts with other entities regarding the implementation of this MCM:

*County inspectors and DPW&T staff routinely identify such sites and advise both those responsible for the construction project and the MDE assigned Inspector of the perceived failures to affect immediate actions.*

6. List the total cost of implementing this MCM over the permit term:

*Accounting cost structure and resourcing is not tracked at this level.*

**MCM #5: Post Construction Stormwater Management**

**Stormwater Management Program Procedures, Ordinances, and Legal Authority**

1. Does the permittee have an MDE approved ordinance?  Yes  No
- Has the permittee submitted modifications to MDE?  Yes  No
- Has the adopted ordinance been submitted to MDE?  Yes  No
- If No, is the adopted ordinance attached?  Yes  No

1. Does the permittee have a memorandum of understanding (MOU) with the County to perform any or all requirements for an acceptable stormwater program?  
 Yes  No

If Yes, check all that apply:

- Plan Review and Approval
- First Year Post Construction Inspections
- As-Built Plan Approval
- Post Construction Triennial Inspections
- Enforcement
- BMP Tracking and Reporting

**Stormwater Management Program Implementation Information**

1. Has an Urban BMP database been submitted in accordance with the database structure in Appendix B, Tables B.1.a, b, and c as a Microsoft Excel file?  
 Yes  No

Describe the status of the database and efforts to complete all data fields:  
*All fields complete, however inspection dates are always under revision.*

2. Total number of triennial inspections performed:

Total number of BMPs jurisdiction-wide:

Are inspections performed at least once every three years for all BMPs?  
 Yes  No

If No, describe how the permittee will catch up on past inspections and remain on track to perform BMP inspections once every three years:

### MCM #5: Post Construction Stormwater Management

Are BMP inspection records retained and available to MDE during field review of local programs?

Yes  No

3. Total number of violation notices issued:

Describe efforts to bring BMPs into compliance and the status of enforcement activities within the jurisdiction:

- *4 sites are now fully compliant*
- *13 more sites responses were received as a result of the NOVs indicating start of corrective actions.*
- *11 Sites have failed to respond and are being addressed with further attempts to make contact while drafting of citations.*
- *Separately, 11 other locations have yet to receive notices due to a lack of clear ownership and/or responsibility. A plan of action to address these deficiencies is currently under development with the County Attorney.*

4. Describe how the permittee coordinates and cooperates with the County to ensure stormwater BMPs are functioning according to approved standards. (Applicable for municipalities that rely on the County to perform stormwater triennial inspections):

*N/A*

5. Provide a summary of routine maintenance activities for all publicly owned BMPs:

Number of publicly owned BMPs:

Describe how often BMPs are maintained. Specify whether maintenance activities are more frequent for certain BMP types:

- *Stormwater practices with landscaping features (plantings, biomaterials and mulch, filterra units) are addressed under the County's annual landscaping contract.*
- *Corrective work at of these practices that fall outside of these contracts are normally addressed though single contract purchase orders.*
- *Administration of these contracts and purchase orders has recently been assigned to the MS4 program. Additional work is currently pending additional proposals from the contractor based on the last set of tri-annual review reports.*

Are BMP maintenance checklists and procedures for publicly owned BMPs available to MDE during field review of local programs?

Yes  No

**MCM #5: Post Construction Stormwater Management**

Are BMP maintenance records retained and available to MDE during field review of local programs?

Yes  No

If either answer is No, describe planned actions to implement maintenance checklists and procedures and provide formal documentation of these activities:

*All planned and corrective maintenance is performed under contract. Retrieval of these documents is currently possible but problematic and time intensive. The County is in the process of migrating to a new software platform for all County operational records which should improve that functionality.*

6. Number of staff trained in proper BMP design, performance, inspection, and routine maintenance:

7. Provide a summary of activities planned for the next reporting cycle:

*All the personnel identified in the above do not perform all of the listed tasks*

8. List the total cost of implementing this MCM over the permit term:

*Accounting cost structure and resourcing is not tracked at this level.*

**MCM #6: Pollution Prevention and Good Housekeeping**

1. Provide a list of topics covered during the last training session related to pollution prevention and good housekeeping, and attach to this report specific examples of training materials:

*Training Program still under development – See Progress Detail Report*

List all training dates within this two-year reporting period:

Number of staff attended:

2. Are the good housekeeping plan and inspection records at each property retained and available to MDE during field review of the local program?  Yes  No

If No, explain:

*Plan undergoing roll-out in the next several months- See Progress Detail Report*

Provide details of all discharges, releases, leaks, or spills that occurred in the past reporting period using the following format (attach additional sheets if necessary).

Property Name: \_\_\_\_\_ Date: \_\_\_\_\_

Describe observations:

Describe permittee's response:

3. Quantify and report property management efforts as shown below, where applicable (attach additional sheets if necessary).

Number of miles swept:

Amount of debris collected from sweeping (indicate units):

If roads and streets are swept, describe the strategy the permittee has implemented to maximize efficiency and target high priority areas:

Number of inlets cleaned:

**MCM #6: Pollution Prevention and Good Housekeeping**

Amount of debris collected from inlet cleaning (indicate units):

Describe how trash and hazardous waste materials are disposed of at permittee owned and operated property(ies), including debris collected from street sweeping and inlet cleaning:

*All materials delivered to the County site licensed for disposal under permit 12SW0656*

Does the permittee have a current State of Maryland public agency permit to apply pesticides?

Yes  No

If No, explain (e.g., contractor applies pesticides):

Does the permittee employ at least one individual certified in pesticide application?

Yes  No

If Yes, list name(s):

*Richard Tarr*

If the permittee applied pesticides during the reporting year, describe good housekeeping methods (e.g., integrated pest management, alternative materials/techniques):

*See Progress Detail Report*

If the permittee applied fertilizer during the reporting year, describe good housekeeping methods (e.g., application methods, chemical storage, native or low maintenance species, training):

*See Progress Detail Report*

If the permittee applied materials for snow and ice control during the reporting year, describe good housekeeping methods (e.g., pre-treatment, truck calibration and storage, salt domes):

*See Progress Detail Report*

Describe good housekeeping BMP alternatives not listed above:

*See Progress Detail Report*

4. If applicable, provide a status update for permittee owned or operated properties regarding coverage under the Maryland General Permit for Stormwater Discharges Associated with Industrial Activity or an individual industrial surface water discharge permit:

*The properties operating under Industrial Stormwater Discharge Permits has been reduced to the following: 12SW0656*

5. List the total cost of implementing this MCM over the permit term:

*Accounting cost structure and resourcing is not tracked at this level.*



## Attachment A

| Phase II MS4 Additional Restoration Activities Schedule   |                       |                   |                         |                      |                                |                             |  |  |           |
|---|-----------------------|-------------------|-------------------------|----------------------|--------------------------------|-----------------------------|--|--|-----------|
| Total Acreage (23,839.82); Impervious Acre Baseline (2140.90); 20% Restoration Target (428.18 acres met - See Completed Projects Summary) |                       |                   |                         |                      |                                |                             |  |  |           |
| Type of Restoration Project   | BMP Code <sup>1</sup> | BMP ID (Optional) | Cost (\$K) <sup>2</sup> | Imperv Acres Treated | Imperv Acre Target and Balance | Project Status <sup>3</sup> | Year Complete or Projected Implementation Year (by 2025) | MD Grid Coordinates (Northing/Easting) |           |
|   |                       |                   |                         |                      | 0                              |                             |  | X(m)                                   | Y(m)      |
| Shoreline Management  | SHST                  | TBD               | 85                      | 40                   | -40                            | P                           | 2021   | 441317.26                              | 52104.691 |
| Shoreline Management  | SHST                  | TBD               | 30                      | 20                   | -60                            | P                           | 2021   | 446453.28                              | 49680.223 |
| Outfall Stabilization   | OUT                   | TBD               | 255                     | TBD                  | TBD                            | P                           | 2022   | 425861.98                              | 76971.993 |