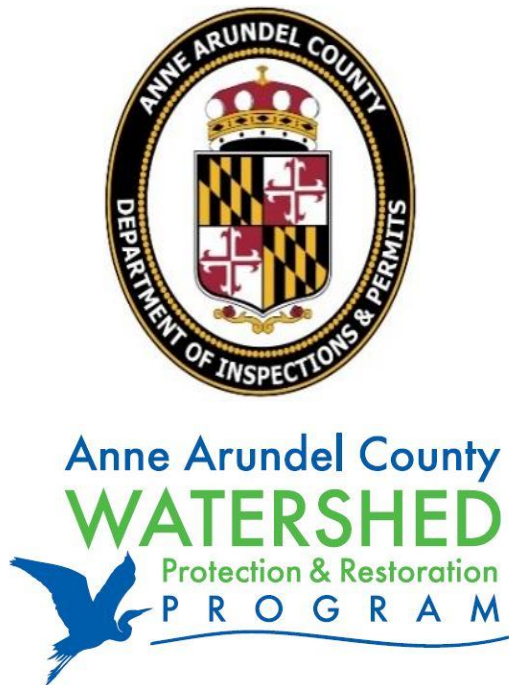


Inspection & Permits, WPRP Division: Triennial Stormwater Inspections, & Your Role in BMP Maintenance



Anne Arundel County Department of Inspections & Permits

The WPRP Team

WPRP Environmental Control Inspections Supervisor:

- Bradlee Burnham
 - (410)-222-7767 (O)
 - (443)-795-8217 (M)
 - ipburn22@aacounty.org
 - Ramapo College of New Jersey (Mahwah, NJ), Class of 2011
 - B.S. Environmental Science
 - Minor in Public Policy
 - 14+ years of experience in stormwater related fields



WPRP Environmental Control Inspectors:

- Andrew Fertig
- Mary Ford
- Andrew Hein
- Michael McNeill
- Joseph Wells



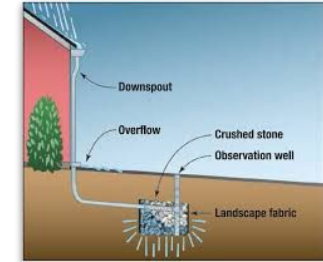
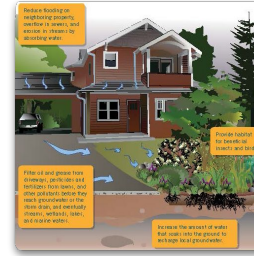
Presentation Overview

- What is a BMP?
- Importance of BMP Maintenance
- Residential BMPs
- Triennial Inspections
- Residential BMP Inspections
- Inspection Results, Correction Notices, & Follow-Ups
- What is your role if you have a BMP on your property?
- Benefits of having BMPs and maintaining them
- What is the County doing to improve residential BMPs?
- If I have a drainage, runoff or stormwater related concern, who do I call?



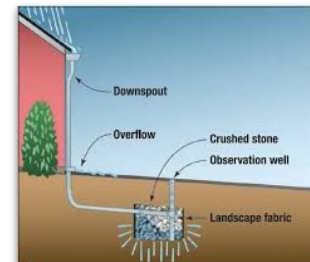
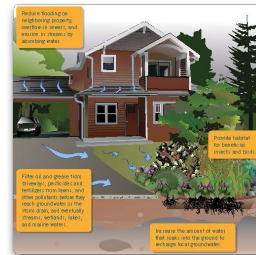
What is a Stormwater BMP?

- A “Best Management Practice” designed to receive and manage runoff created from adding impervious surfaces to previously pervious / undeveloped land. AKA, “slowing it down, spreading it out, soaking it in.”
 - Impervious surfaces may include roads, sidewalks, parking lots, driveways, porches/decks/patios, and rooftops.
- Required as part of Grading Permits.
- Purpose: Reduce pollution to the Chesapeake Bay by improving, preserving, and protecting the water quality of its watershed and tributaries.



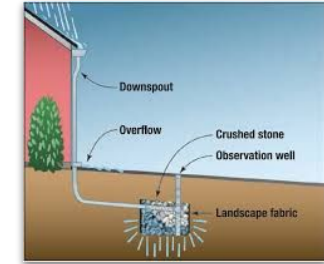
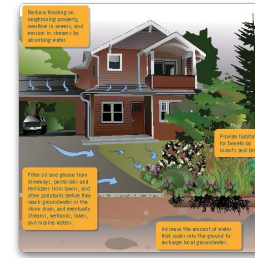
Why Is Maintenance Important?

- Routine, preventive maintenance is critical to optimal BMP function and performance.
- Importance to Stakeholders:
 - May help avoid costly repairs (“an ounce of prevention is worth a pound of cure”).
 - Preserve aesthetic value.
- Importance to Stakeholders and Regulating Authorities:
 - Maintenance, as well as inspection, is legally required under federal, state, and local codes and regulations.
 - May minimize the need for corrective or enforcement actions post-inspection.



Why Is Maintenance Important? (Tips)

- Self-Inspection:
 - Inspect after every rain event.
 - Identifies maintenance concerns and assesses BMP performance.
 - Identify minor issues before they become major concerns.
 - Prevent health/safety hazards.
 - Plan for costly repairs/upgrades.
- Two Dedicated Funds:
 - Routine: Annual maintenance.
 - Non-Routine: $\approx \frac{1}{3}$ of annual costs for structural/emergency repairs.



BMPs Often Maintained by HOAs, Property Managers, or Private Residences (ESD or Micro Facilities)



Submerged Gravel Wetlands



Raingarden



Planter Box



Landscaped Infiltration Garden



Micro-Bioretentation



Drywell



BMPs Often Maintained by HOAs, Property Managers, or Private Residences (ESD or Micro Facilities)



Bio-Swales & Wet Swales



Grass Swales or Dry Swales



Rain Barrels



Cisterns



Permeable Asphalt



Permeable Concrete



Permeable Pavers



Residential BMP Inspections: How can you tell if there is a BMP on a residential property?



Raingarden



Rain Barrels



Cisterns



**Plastic cap sticking out of the ground,
not related to water or sewer**



Planter Box



Permeable Asphalt



Permeable Pavers



**Downspout Connection to
Underground Pipe**



Who Is Responsible for BMP Maintenance? What are Inspection & Maintenance Agreements?

INSPECTION AND MAINTENANCE AGREEMENT

AGREEMENT NUMBER _____
PERMIT NUMBER 60201 _____

THIS INSPECTION AND MAINTENANCE AGREEMENT made this ____ day of _____, 201__ by and between _____ (hereinafter called Owner) and ANNE ARUNDEL COUNTY, MARYLAND, a body corporate and politic of the State of Maryland (hereinafter called County).

WHEREAS, Owner has requested that the County issue a grading permit for property which Owner either owns or uses private storm water management; and

WHEREAS, the private stormwater management is located in the subdivision known as _____ the plat for which is recorded among the Land Records of Anne Arundel County in Plat Book ____ page ____ and

WHEREAS, the property is known as _____ and is more particularly described in a deed from _____ to and recorded among the land records of Anne Arundel County in Liber ____ Folio ____ and;

WHEREAS, it is a requirement of Article 16, Section 4-401(a), Anne Arundel County Code, that the Owner of the subject property shall execute an Inspection and Maintenance Agreement with the County pertaining to private stormwater management; and

WHEREAS, in furtherance of Owners desire to comply with the aforementioned provision of the Anne Arundel County Code, Owner is now entering into this Inspection and Maintenance Agreement.

NOW, THEREFORE, WITNESSETH: That for and in consideration of the mutual covenants and promises herein contained and in order to fulfill the requirements of the Anne Arundel County Code, the parties do hereby agree as follows:

1. Owner shall install or be responsible for the installation of the private stormwater management as more particularly described in the Stormwater Management Plan which is part of Owners Grading and Sediment Control Plan kept on permanent file in the Anne Arundel County Department of Inspections and Permits (Department) in accordance with all conditions and provisions of the Anne Arundel County stormwater management laws in full force and effect at the time of the execution of this Agreement or as may be required by a building permit or a grading

permit which may be issued. This plan shall be maintained by the Department at a location designated by the Director and shall be available for public inspection during regular business hours.

2. The Owner shall maintain inspection records for the private stormwater management and supply them to the Department every three (3) years or upon request.

3. Owner is hereby prohibited from altering the private stormwater management without prior approval from the Department.

4. Owner shall provide access to the private stormwater management at all reasonable times for inspection by the County or its agents or contractors.

5. Owner shall by covenant or other valid legal mechanism approved by the County Office of Law, provide for uniform regular or special assessment of all property owners affected by the private stormwater management to insure that the private stormwater management is properly maintained in accordance with its design standards and the provisions of the Anne Arundel County stormwater management laws in effect at the time of this Agreement or as from time-to-time amended.

6. If the Owner or the Owners successors or any other party subject to this Agreement, after reasonable notice by the Department, fails to correct a violation of the Anne Arundel County Storm Water Management Laws at or near the private stormwater management, the Department may perform or cause to be performed, necessary work to correct the violation and return the private stormwater management to a proper working condition.

7. It is specifically understood and agreed that all costs of performing work set forth in paragraph 6 shall be levied and collected from the Owner of all properties subject to this Agreement in accordance with the provisions of Article 16, Section 4-401(b)(7) of the Anne Arundel County Code, or as from time-to-time amended.

8. This Agreement shall survive the execution of any deed, contract or agreement by Owner or any other party with an interest in the subject property and the conveyance of any interest therefrom shall not merge therein.

9. This Agreement shall bind upon and run with the land subject to this Agreement as a covenant.

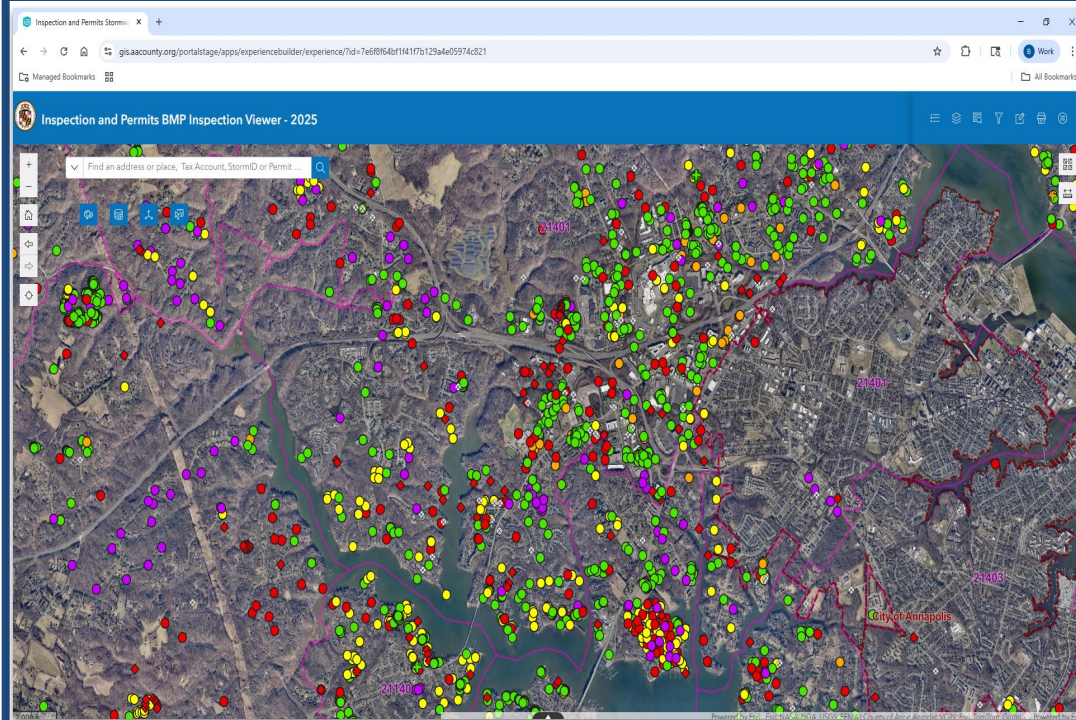
10. This Agreement shall inure to the benefit of the parties hereto, their heirs, personal representatives, legal representatives, successors and assigns, as appropriate.

11. This Agreement shall be construed in accordance with the laws of the State of Maryland and any action brought hereunder shall be brought in the courts of this State, with venue solely in Anne Arundel County.

- Private Inspection & Maintenance Agreements (i.e. I&Ms or SWMAs)
- Legally binding documents made by and between a permittee and the County as part of the Grading permit application process.
- Recorded at Maryland Land Records.
- I&Ms establish that:
 - The property owner is responsible for maintaining the BMPs on their property.
 - Their BMPs may not be altered without prior approval.
 - Their BMPs must be made accessible for inspection upon the County's request.
 - The I&M will "bind and run with the land as a covenant" once they have been recorded. I.e., it will be inherited by each subsequent owner in perpetuity.



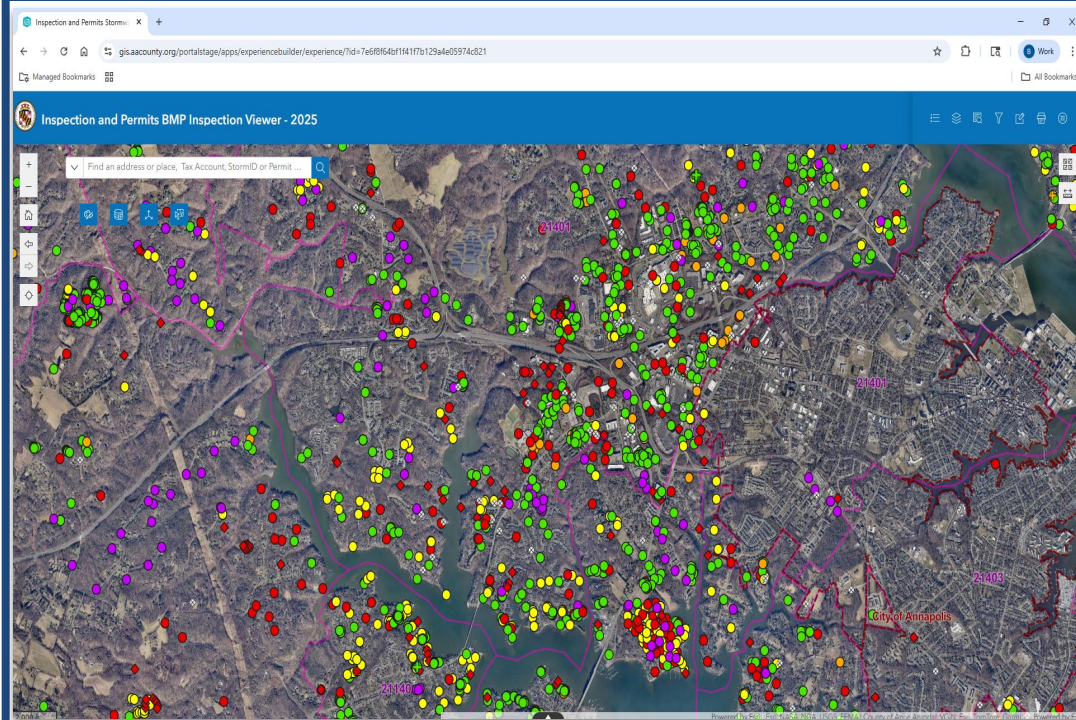
Triennial SWM Maintenance Inspections



- Maintenance inspections that are performed to ensure that required, permanent BMPs are still in place, that they are being well maintained, and that they are still performing as designed.
- Every BMP in AACo needs to be inspected at least once every 3 years.
- Required to do them under our MS4 Permit (11/05/2021 to 11/04/2026).
- I&P-WPRP is responsible for inspecting approximately 23,000+ BMPs, within a 3 year cycle, as of 7/1/2025 (i.e. FY2026).



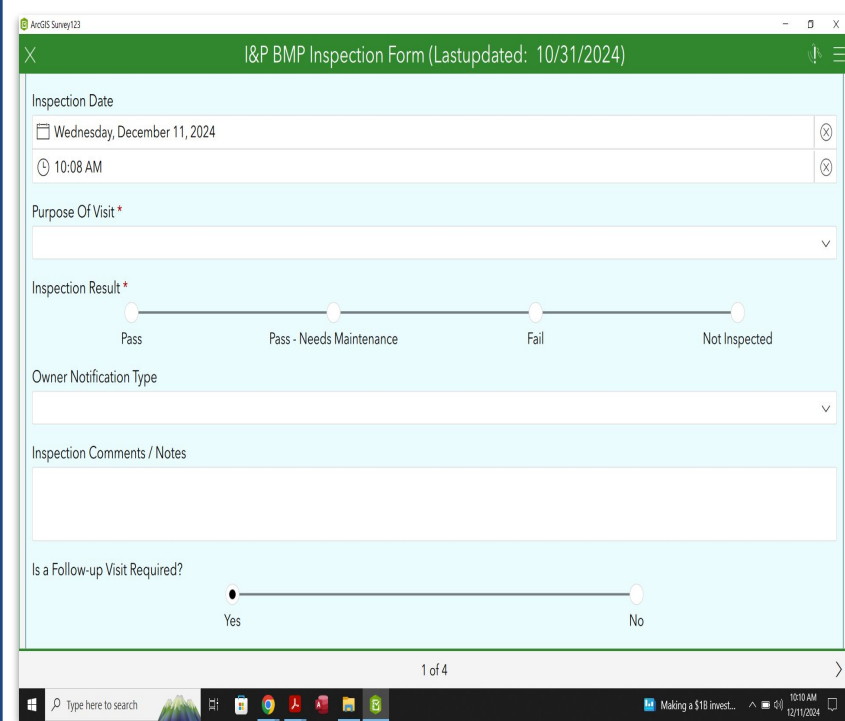
Triennial SWM Maintenance Inspections



- Conducted in accordance with: County Code; §§ 16-4-303 & 16-4-401; and the corresponding I&M.
- Private: Residential, Community, Institutional, Retail, Commercial, and Industrial Properties.
- AACPS, Libraries, Fire and Police Stations, Parks and other Recreational Facilities, Pump Stations, Water Towers, etc.
- From as large as ponds, constructed wetlands, or underground detention; to as small as raingardens, planter boxes, drywells and rain barrels.



Possible Inspection Results



The screenshot shows a web-based inspection form titled "I&P BMP Inspection Form (Last updated: 10/31/2024)". The form includes the following fields:

- Inspection Date:** A date picker set to "Wednesday, December 11, 2024" and a time picker set to "10:08 AM".
- Purpose Of Visit *:** A dropdown menu.
- Inspection Result *:** A radio button selection with four options: "Pass", "Pass - Needs Maintenance", "Fail", and "Not Inspected".
- Owner Notification Type:** A dropdown menu.
- Inspection Comments / Notes:** A large text area for comments.
- Is a Follow-up Visit Required?:** A radio button selection with two options: "Yes" and "No".

The form is displayed on a desktop screen with a Windows taskbar at the bottom showing the time as 10:10 AM on 12/11/2024.

- **Pass**
 - No Issues Found
 - May inform a stakeholder of something they need to monitor.
- **Pass, Needs Maintenance**
 - In need of general upkeep (i.e. tlc)
 - Minor functional issues that general maintenance may resolve.
- **Fail**
 - Major issues requiring structural repairs
 - Cannot be resolved with just general maintenance.



Examples: Pass, Needs Maintenance



Standing Water (Silted in)



Standing Water (Blocked Underdrain)



Incorrect Mulch



Overgrown with weeds or volunteers/invasives.



No Plants or Too Few



Blocked Underdrain, Cleanout, Observation Well



Examples: Pass, Needs Maintenance



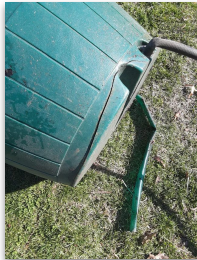
Broken, Buried, or Missing
Cleanout/Observation Well Caps



Clogged Downspouts, Disconnection from
Ground Connector



Disconnected Roof Gutter



Broken, Cracked, or Removed Rain
Barrels, etc.



Silted In Pavers or Pervious Pavements



Use a proper sweeper/vacuum, NOT a
pressure washer or compressed air unit



Examples: Compliance *Landscaping*



Micro-Bioretention
85% Coverage at Mature Growth



Micro-Bioretention with Correct Mulch



Raingarden
85% Coverage at Mature Growth



Micro-Bioretention
Planting Plan Installed



Non-Dyed, Double Shredded Hardwood
Mulch



Micro-Bioretention
Planting Plan Installed



Examples: Fail



Holding Water Longer than 72 Hours



Encroached or Removed



Filled In or Removed



Residential BMP Inspections



NOTICE OF INSPECTION

Watershed Protection & Restoration Program

A MAINTENANCE INSPECTION WAS PERFORMED ON THE PROPERTY TO ENSURE THE STORMWATER MANAGEMENT DEVICES ARE IN PLACE AND FUNCTIONING PROPERLY.

INSPECTION RESULT: PASS NEEDS MAINTENANCE

DATE: _____

PERMIT #G. _____ SWMA # _____

TYPE OF DEVICE: _____

CONTACT INSPECTOR WITH ANY QUESTIONS OR CONCERNS. IF MAINTENANCE IS NEEDED, A CORRECTION NOTICE WILL BE MAILED.

INSPECTOR: _____

PHONE #: _____

As part of Anne Arundel County's responsibilities to meet federal and state regulations regarding stormwater pollution, we recently conducted an inspection of the stormwater management device located on your property. Contemporary stormwater best management practices, or BMPs, reduce pollutants that would otherwise be washed directly into streams during rain events.

Their purpose is to help control stormwater runoff and improve water quality in the communities they serve and, ultimately, the Chesapeake Bay. Regular inspection and maintenance is essential to assure that each facility continues to perform according to its design and that it remains safe to the surrounding communities. They are vital infrastructure in the urban environment for stormwater management.

During our inspection, we looked for potential issues that may impact the functionality of your BMP, such as:

- Obstructions of the inlet or outlet
- Excessive erosion or sedimentation
- Stability of side slopes
- Upstream and downstream channel conditions
- Deterioration of pipes



For more information and to learn how to reduce your stormwater pollution, visit www.aarivers.org

- Currently, WPRP does not schedule residential inspections, unless a homeowner reaches out to us first.
- Inspections are conducted at random.
- Inspectors knock on front doors to announce their presence and request access to your BMPs.
 - You can inform the inspector that it is not a convenient time, and ask them to return at a later date and time.
- Inspectors **DO NOT** need access to the inside of the home, nor do they need access to the rooftop. They only need access to the front and back yards at ground level.



Residential BMP Inspections



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- Upstream and downstream channel conditions
- Deterioration of pipes



For more information and to learn how to reduce your stormwater pollution, visit www.aarivers.org

- When they have completed an inspection, Inspectors can either:
 - Notify you the inspection was completed; Or
 - Leave you a Notice of Inspection door hanger to advise that the inspection was completed.
- If no one answered the door for the Inspector, they may leave a door hanger requesting they be contacted. Or, they will send a notification through first class mail.
 - **PLEASE CONTACT THE INSPECTOR PROMPTLY! A RESPONSE IS BETTER THAN NO RESPONSE!**



Triennial Inspections, Correction Notices (Phase 1 Enforcement)



Department of Inspections and Permits
Herrington Creek Complex
2654 Riva Road
Annapolis, MD 21401
410-222-7476

Infrastructure and Environmental Programs Inspection Report
To Contact this Inspector, Telephone: 410-222-7767

Inspection Date: 4/29/2025 TIME: 1030 PERMIT: 0000000000 SWHA: 0000

AASCO Name:

OWNER/Permittee Name: NAME

Address: STREET ADDRESS CITY: STATE: ZIP:

Location: STREET ADDRESS, CITY, STATE & ZIP

Inspection Type: Storm Water Maintenance

Inspection Result: Not in Compliance

Corrective Action Taken:
4/29/2025 Issue Correction Notice

This triennial maintenance inspection was conducted to ensure that the Stormwater Management (SWM) practices are being maintained in accordance with Anne Arundel County Code, Article 16, Title 4, § 16-4-303 & 16-4-401, and the terms of SWM Agreement #000,000, under Tax Account #000,000,000,000. The inspection revealed that the SWM practices are not in compliance. Please complete the following required maintenance actions by 5/29/2025:

Regraders:
1. Re-match.
2. Replant per approved plan.

Drywell:
1. Reconnect downspout into ground connection.
2. Repair or replace observation well cap.

The required maintenance actions are based on the site conditions that could be observed at the time of the inspection. The required maintenance actions are subject to change and/or addition, pending the results of a follow-up inspection. A follow-up inspection is currently scheduled for 5/29/2025. If you have any questions or concerns, would like to schedule a meeting, and/or would like to reschedule the follow-up inspection, please contact me at (410) 222-7767, (443) 795-8217, and/or ipbun22@aaacounty.org.

Received By: _____
I hereby acknowledge of this report by my signature which does not imply agreement or disagreement with its content.

Inspector: BRADLEE BURHAM

- The Inspector will issue a Correction Notice if the triennial (i.e. initial) inspection results in either:
 - Pass, Needs Maintenance
 - Fail
- Correction Notices will be issued for:
 - The initial inspection
 - Up to, usually, at least the next 2 follow-up inspections.
 - At least 30 days (from the day that it was submitted into First Class Mail, or e-mailed) to respond for each one.
- **A RESPONSE IS BETTER THAN NO RESPONSE!**



Who Receives the Correction Notices?



Department of Inspections and Permits
Herrington Creek Complex
2654 River Road
Annapolis, MD 21401
410-222-7476

Infrastructure and Environmental Programs Inspection Report
To Contact this Inspector, Telephone: 410-222-7767

Inspection Date: 4/29/2025 TIME: 10:30 PERMIT: 0000XXXXX SWHA: XXXX

AASCO Name: _____

OWNER/Permittee Name: NAME _____

Address: STREET ADDRESS CITY: STATE: ZIP: _____

Location: STREET ADDRESS, CITY, STATE & ZIP _____

Inspection Type: Storm Water Maintenance

Inspection Result: Not in Compliance

Corrective Action Taken:
4/29/2025 Issue Correction Notice

This biennial maintenance inspection was conducted to ensure that the Stormwater Management (BWM) practices are being maintained in accordance with Anne Arundel County Code, Article 16, Title 4, § 16-4-303 & 16-4-401, and the terms of BWM Agreement 800.XXXXX, under Tax Account 80.XXX.XXXXXXX. The inspection revealed that the BWM practices are not in compliance. Please complete the following required maintenance actions by 5/29/2025:

Regraveling:
1. Re-match.
2. Replant per approved plan.

Drywell:
1. Reconnect downspout into ground connection.
2. Repair or replace observation well cap.

The required maintenance actions are based on the site conditions that could be observed at the time of the inspection. The required maintenance actions are subject to change and/or addition, pending the results of a follow-up inspection. A follow-up inspection is currently scheduled for 5/29/2025. If you have any questions or concerns, would like to schedule a meeting, and/or would like to reschedule the follow-up inspection, please contact me at (410) 222-7767, (443) 795-8217, and/or ipbun02@aaacounty.org.

Received By: _____
I hereby acknowledge of this report by my signature which does not imply agreement or disagreement with its content.

Inspector: BRADLEE BURHAM

- Institutional, Retail, Commercial, and Industrial Properties: Landowners and/or property managers.
- Community-Owned Properties: HOAs and/or property managers.
- Individual, private, residential lots or tax parcels: Homeowners and/or residents.
 - Some HOAs are responsible for BMPs on individual lots based on Declarations, Covenants, & Restrictions
 - This is different from Condominium Associations who, generally speaking, are already responsible for all of their community's BMPs.
 - Homeowners will still receive the notices. However, they can coordinate and collaborate with their HOAs in such instances, if they wish to do so.
 - WPRP Inspectors will take this into consideration when setting expected completion dates.



What Happens Next?



Department of Inspections and Permits
Heritage Office Complex
2064 Elm Road
Annapolis, MD 21401
410-222-7476

Infrastructure and Environmental Programs Inspection Report
To Contact this Inspector, Telephone: 410-222-7767

Inspection Date: 6/09/2025 TIME: 1000 PERMIT CXXXXXXX SWMA: XXXX

AASCO Name: _____

OWNER/Permittee Name: NAME _____

Address: STREET ADDRESS _____ CITY: _____ STATE: _____ ZIP: _____

Location: STREET ADDRESS, CITY, STATE & ZIP _____

Inspection Type: Storm Water Maintenance

Inspection Results: In Compliance

Corrective Action Taken:

4/09/2025 Issue Correction Notice

5/09/2025 Issue Correction Notice

6/09/2025

This follow-up inspection was conducted to ensure that the Stormwater Management (SWM) practices are being maintained in accordance with Anne Arundel County Code, Article 18, Title 4, §§ 18-4-303 & 18-4-401, and the terms of SWMA Agreement #XX-XXXX, under Tax Account #XX-XX-XXXXXXX. The inspection revealed that the SWM practices are in compliance at this time.

The SWM practices are currently scheduled for their next triennial maintenance inspection anytime during FY2028 (7/1/2027 to 6/30/2028), subject to change at the County's discretion. If you have any questions or concerns, please contact me at (410)222-7767, (443)795-8217, and/or jburn2@aaconomy.org.

Received By: _____
I hereby acknowledge of this report by my signature which does not imply agreement or disagreement with its content.

Inspector: BRADLEE BURNHAM _____

- Stakeholder (e.g. a homeowner) and/or a contractor may contact Inspector to setup a “pre-work meeting.”
- Stakeholder should address the items in the Correction Notice, or hire a contractor to address them.
- Inspector will come out to conduct meetings and follow-up inspections, and issue subsequent Correction Notices, as needed.
- Once all items have been addressed, stakeholder and/or contractor should contact Inspector for a final follow-up inspection.
- Inspector conducts a final follow-up inspection and issues an In Compliance Notice.
- **SEE YOU AGAIN IN 2 TO 3 YEARS!**



What is your role if you have BMPs on your property?

- Must keep them in place.
- Perform preventive, routine maintenance to ensure optimal performance.
- Regularly monitor and inspect your BMPs to make sure they are functioning well.
- **DO NOT** alter, encroach, modify, relocate, or remove without prior approval.
- Be prepared to grant an inspector access to your BMPs for inspection. If an inspector arrives at your property at an inconvenient time, we will accommodate requests to return at a later date and time.
- If an inspection reveals any issues, address them as promptly as possible.
- **Contact I&P-WPRP or a stormwater professional if you need assistance or more information!**



Want to Know More About BMP Maintenance, and How You Can Benefit from Your BMPs?

- Learn about the different types of BMPs and what maintenance they need.
 - [BMP Maintenance Guidance](#)
- Learn about the [WPRF](#) and potential tax credits.
 - [WPRF Credit](#)
 - [Stormwater Property Tax Credit](#)

Recommended timeframes for routine maintenance

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Remove sediment, leaves and debris		•			•			•			•	
Remove trash	•	•	•	•	•	•	•	•	•	•	•	•
Weeding					•	•	•	•	•	•		
Pruning		•							•	•	•	
Mulching	— As needed —											
Watering, replanting, erosion control	— As needed —											

Anne Arundel County
WATERSHED
Protection & Restoration
PROGRAM

HOW TO MAINTAIN YOUR RAIN GARDEN/BIORETENTION

SUGGESTED MAINTENANCE ACTIONS*

MONTHLY

- Regularly check for erosion of the soil layer and surrounding areas draining to the rain garden or bioretention area.
- Remove weeds and plants that do not belong.
- Check for and remove any obstructions or blockage of flow along inflow areas or pipes.
- Check the area a few days after rainfall to make sure the water does not pond on the surface for more than 48 hours.

AS NEEDED

- Remove leaf litter to ensure that the flow of rainwater is not blocked.
- Cut back and remove dead stems of herbaceous plants.
- Replenish and redistribute mulch to a total depth of 3 inches.
- Inspect and maintain, or replace components and plants.
- Water new plants during initial establishment (first 18 months) and during extreme droughts as appropriate.

DO NOT:

- Apply excess salt and sand around your property during the winter months as this could harm plants and lead to blockages.
- Store snow or leaves in your rain garden or bioretention area.
- Use fertilizers or pesticides in your rain garden or bioretention area as they are usually not needed and can contribute to water pollution.
- Remove or alter your rain garden or bioretention area. If you claimed your rain garden or bioretention area for the Stormwater Credit Program, removing or modifying it can result in loss of credit.

Who is responsible for this maintenance?

As the property owner, you are responsible for all maintenance of your rain garden or bioretention area.

WHY IT'S IMPORTANT TO MAINTAIN YOUR RAIN GARDEN/BIORETENTION

An unmaintained rain garden or bioretention area may:

- Stop filtering the rainwater and allow trash and pollutants to enter into our local streams.
- Be difficult or expensive to restore if left unmaintained.
- Allow water to pool on the surface long enough to allow mosquitoes or other insects to breed (longer than 3 days).

* Please refer to the Maryland Stormwater Design Manual, Volumes 1 and 2 for minimum requirements and procedures for maintaining BMPs. This document serves as the official guide for stormwater management principles, methods, and practices in the State of Maryland. Visit <http://bit.ly/MSDEMDM>.

Department of Public Works
Watershed Protection & Restoration Program
2662 Riva Road, Suite 450
Annapolis, MD 21401
www.aarivers.org



What is the County Doing Moving Forward?



The Best Place - For All

Issued by:

Department of Inspections and Permits

Notice #:	The Department of Inspections and Permits Issues Guidance on Designing Stormwater Maintenance Best Management Practices (BMPs) for Maintenance
IP-21-12	
Release Date:	The proper design and construction of an engineered Stormwater Best Management Practice (BMP) is essential to its ability to detain runoff and adequately remove pollutants from the stormwater. Equally important is the proper operation and upkeep of such a facility. Proper maintenance will not only increase the expected lifespan of the facility, but will also improve aesthetics and property values.
06/17/21	
Contact:	
Tracie Reynolds, PIO	This notice is to provide guidance on BMP design and maintenance i.e., designing for maintenance. BMPs must have dedicated maintenance access for the maintenance personnel and equipment to be able to access and maintain BMPs. The BMP location and configuration of access must be established during the design phase and should be an integral part of the BMP design.
Phone #:	
410-222-7502	For more information please contact Raghu Badami, Engineer Manager at 410-222-6137 or ipbada78@aaacounty.org.

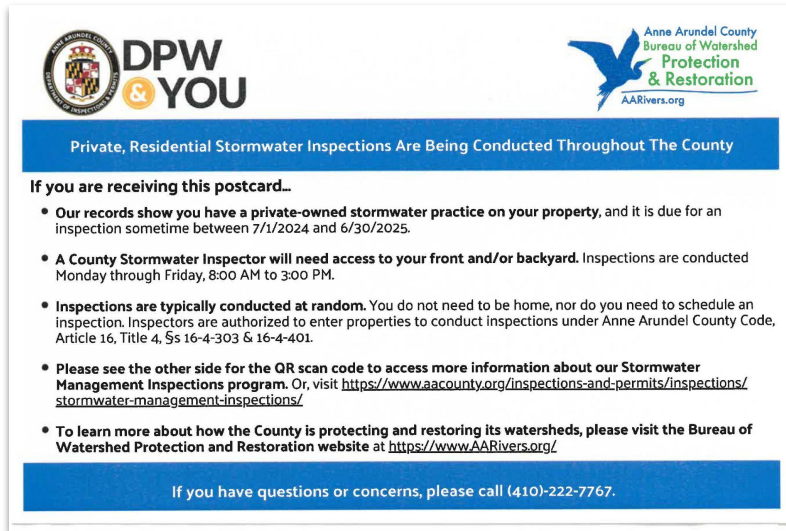
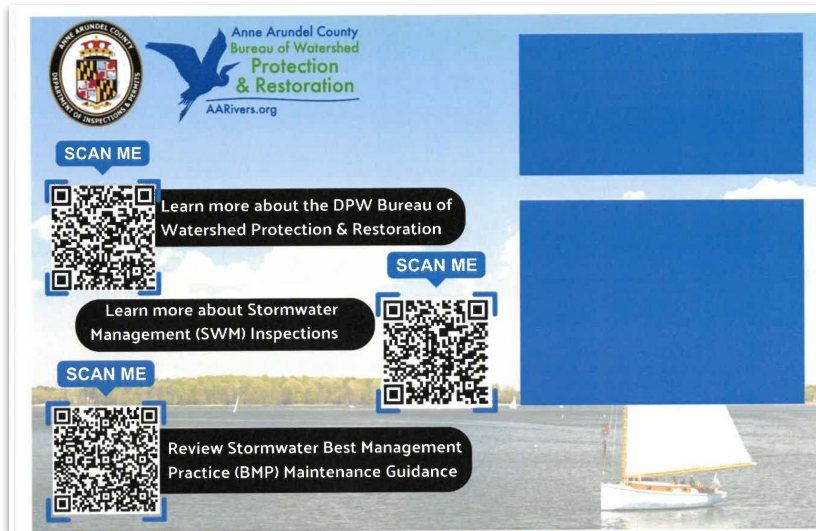


Mark Wedemeyer
Acting Director

- Blue Notices Related to HOA-Owned BMPs
 - [IP-21-17](#) (BMP Handoff Meetings)
 - [IP-22-01](#) (Stormwater Warranties)
 - [IP-25-02](#) (HOA Documents)
 - Supersedes and replaces Green Notice [OPZ-24-01](#)
- Other Blue Notices for SWM
 - [IP-20-10](#) (SWM Data Form)
 - [IP-21-02](#) (Vegetation Guidance)
 - [IP-21-12](#) (Designing for Maintenance)
 - [IP-22-04](#) (Planter Boxes)
 - [IP-24-01](#) (As-Built Checklist)
 - [IP-24-03](#) (Bioswales)



What is the County Doing Moving Forward - Postcards



Drainage, Runoff, and Stormwater Complaints and Concerns: Who is assigned to what?

- **Code Compliance Division**
 - Unpermitted or unapproved activity.
 - Activities approved or permitted under Standard Grading Plans, including for Standard Grading Plans for Building Permits
 - (410)-222-7790 or (410)-222-7780
 - codecompliance@aacounty.org
- **Grading Division (including SWM Construction)**
 - Activity covered by a **Grading Permit**.
 - (410)-222-7790
 - grading@aacounty.org
- **WPRP Division**
 - Issues with private-owned BMPs post-construction.
 - (410)-222-7790 or (410)-222-7171
 - swinspections@aacounty.org
- **Strike Team Division**
 - Concerns not covered above, not including issues with storm drains in public Right-of-Ways.
 - (410)-222-7790 or (410)-222-7171
 - swinspections@aacounty.org



Drainage, Runoff, and Stormwater Complaints and Concerns: Public Roads & Storm Drains

- **DPW > Bureau of Highways > Road Operations**
 - Issues with public storm drains inside the County Right-of-Way.
 - [Road Maintenance Districts Map](#)
 - Call (410)-222-7321, After Hours Emergency (410)-222-8400
 - hwyscustomercare@aacounty.org
 - [Storm Drain Cleaning](#)
- **DPW > Bureau of Watershed Protection & Restoration > Stormwater Infrastructure Programs**
 - Issues with SWM BMPs receiving runoff from the County Right-of-Way.
 - Call (410)-222-4240 and ask to speak with SIP.
 - May receive forwarded concerns from Road Operations when issues with public storm drains are:
 - Outside, or too far outside, the County Right-of-Way.
 - Issues with public drainage systems that are beyond Road Operations' capabilities.

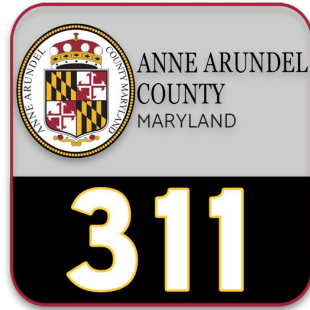


Drainage, Runoff, and Stormwater Issues Between Neighbors: A Civil Issue

- To be able to take enforcement action, there must be a code violation taking place.
- Examples of a code violation can include:
 - Disconnecting a downspout from a required BMP.
 - Draining a sump-pump into a required BMP (connecting it into its own french drain is fine)
 - Discharging sump pumps or “regular” downspouts within 5 feet of the nearest adjoining property line.
- Recommendations:
 - Whenever possible, keep discharge points 10 feet, or further, away from the nearest adjoining property line.
 - Self-install a BMP. **It may be eligible for 1 or more credits!**



Drainage, Runoff, and Stormwater Issues Between Neighbors: You Are Always Welcome to Call Us



Call 311

**Call I&P Customer Service:
(410)-222-7790**

**Call Environmental Hotline:
(410)-222-7171**

**Email:
ipmailbox@aacounty.org**



Drainage Issues: Site Visits and Residential Site Assessments

- If you are looking for assistance in improving stormwater management on your own property, or in your neighborhood's community-owned space:
 - Please call Sally Albright, Education and Outreach Coordinator with BWPR, at (410)-222-0136, or email her at pwalbr00@aacounty.org, to schedule a site visit.
 - Or, you could schedule a Residential Site Assessment with a Watershed Steward from the Anne Arundel Watershed Stewards Academy by visiting aawsa.org/rsarequest.



Take Home Points

- Stormwater BMPs are facilities, devices, or practices designed to receive and manage runoff from newly added impervious surfaces from development projects.
 - AKA “slow it down, spread it out, soak it in”.
- BMPs are vital to improving, protecting, and preserving the water quality of the Chesapeake Bay, and its watershed and tributaries.
 - Routine, preventive maintenance is key to ensuring optimal BMP performance.
- I&Ms make current property owners responsible for keeping, maintaining, repairing, and, if necessary, restoring or re-installing, BMPs on their property.
- Anne Arundel County is required to conduct triennial maintenance inspections on all BMPs in the County.
- I&P-WPRP inspects all private-owned BMPs, including residential-owned AND community-owned BMPs.



Take Home Points

- Triennial inspections that reveal issues may result in WPRP issuing a Correction Notice to the property owner. **A RESPONSE IS BETTER THAN NO RESPONSE!**
- The County is taking steps to ensure BMP access, maintenance, and upkeep is more effective and practical, particularly for homeowners, residents, and HOAs.
- The County is looking to raise more awareness about triennial inspections, particularly for residential properties.
- If you have a runoff or stormwater management concern, your assistance in identifying the cause may help us address the issue as promptly as possible.
- Your role as a resident if you have BMPs is to keep and maintain them, and make them accessible for inspection upon request. Do not be afraid to contact us for assistance.
- If you observe a drainage, runoff, or stormwater issue, **PLEASE REPORT IT! (See Something, Say Something)**



Additional Resources

- To contact SWM Maintenance Inspections, please call (410)-222-7171, or email SWInspections@aacounty.org.
- [Stormwater Management Maintenance Inspections](#)
- To request approved plans/As-Builts, I&Ms, and/or other related documents from the appropriate permit file, submit a PIA:
 - <https://www.aacounty.org/pia?requestType=IAP>
 - <https://www.aacounty.org/pia>
- [Bureau of Watershed Protection & Restoration](#)
 - [BMP Maintenance](#)
- [Watershed/BMP Viewer](#)
- [Utility Viewer](#)



Additional Resources

- [Chesapeake Conservation Landscape Council](#)
 - [Chesapeake Bay Landscape Professionals](#)
 - [Find a Certified, Chesapeake Bay Landscape Professional](#)
- [Anne Arundel Watershed Stewards Academy](#)
 - [Contact a Steward](#)
 - [Residential Site Assessment](#)
 - [Contractors](#)
 - [Vendors](#)
 - [Stormwater Success](#)
 - [Community Association Summit Presentation](#)
 - For HOA and residential-owned BMPs.



Questions

