

Anne Arundel County's List of Website Resources on MS4 Topics

Resource Name	Category	Short Description	URL
Waterfront Homeowners Guide	Stormwater Management and Maintenance	Resource outlining opportunities and responsibilities for waterfront homeowners to protect and enhance their properties in relation to the Critical Area Law.	aacounty.org/public-works/bwpr/education-outreach/take-action/waterfront-homeowners-guide
Stormwater BMP Maintenance Guidance	Stormwater Management and Maintenance	Highlights typical stormwater Best Management Practices (BMPs) and suggested maintenance actions to ensure water quality protection.	aacounty.org/public-works/bwpr/education-outreach/take-action/bmp-maintenance
Storm Drain Marking Program	Stormwater Management and Maintenance	Volunteer program applying educational messages on storm drains to remind residents that whatever enters them travels untreated to waterways.	aacounty.org/public-works/bwpr/education-outreach/take-action/storm-drain-marking-program
Science of Stormwater Quizlet	Stormwater Management and Maintenance	Explains how stormwater pollution occurs, where it goes, and how to minimize sources, addressing the misconception that stormwater is "clean."	https://quizlet.com/718563451/stormwater-quiz-anne-arundel-county-bureau-of-watershed-protection-restoration-flash-cards/?x=1qgt
Stormwater Infrastructure Management	Stormwater Management and Maintenance	Details County stormwater infrastructure responsibilities and links to Stormwater Management Standards & Procedures documents.	https://www.aacounty.org/public-works/bwpr/stormwater-infrastructure-management
Deale-Shady Side Flood Risk Reduction Study	Stormwater Management and Maintenance	Feasibility study to assess mitigation strategies for enhancing resilience against increasing flood inundation and storm events due to climate change.	aacounty.org/public-works/bwpr/watershed-assessment-planning/watershed-studies/sea-level-rise-deale-shady-side
Online WPRF Appeal & Credit Application Forms	Stormwater Management and Maintenance	Online application forms to improve accessibility for residents applying for WPRF credits and appeals.	aacounty.org/public-works/bwpr/watershed-protection-restoration-fee/appeal-and-credit-application-form
WPRF Credit Program	Stormwater Management and Maintenance	Explains how eligible property owners can reduce their WPRF assessments by up to 50% for proactive stormwater runoff controls.	aacounty.org/public-works/bwpr/watershed-protection-restoration-fee/wprf-credit-program
Stormwater Management Property Tax Credit Program	Stormwater Management and Maintenance	Provides a one-time property tax reduction for residential and commercial owners who install and maintain qualified stormwater treatment practices.	aacounty.org/public-works/bwpr/watershed-protection-restoration-fee/stormwater-management-property-tax-credit
WPRF Appeal Program	Stormwater Management and Maintenance	Intended for property owners who believe they have been billed in error for the Watershed Protection and Restoration Fee.	aacounty.org/public-works/bwpr/watershed-protection-restoration-fee/wprf-appeal-program

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Watershed Restoration Grant Program	Stormwater Management and Maintenance	Summarizes 501c nonprofit grant program managed in partnership with the County and the Chesapeake Bay Trust	https://www.aacounty.org/public-works/bwpr/watershed-restoration/grant-program
Illicit Discharge Detection & Elimination	Proper Disposal of Household Hazardous Waste	Examines the County's Illicit Discharge Detection & Elimination Program and provides resources for residents to identify and report potential illicit discharges.	aacounty.org/public-works/bwpr/ecological-assessment-evaluation/illicit-discharge-detection-and-elimination-idde
Pet Waste Reduction Campaign	Pet Waste	Outreach campaign encouraging residents to pick up after pets, explaining the link between pet waste and water quality, and providing management tips.	aacounty.org/public-works/bwpr/education-outreach/take-action/pet-waste-pollution-reduction
Organize a Volunteer Floodplain Clean-Up	Litter Reduction	Webpage detailing county assistance for volunteer-led stream/floodplain clean-up projects, including a "Propose a Floodplain Clean-Up Site" form.	aacounty.org/public-works/bwpr/education-outreach/take-action/floodplain-clean-ups
Responsible Boating	Litter Reduction	Aims to educate boaters on the impacts their activities can have on natural resources within watersheds.	https://www.aacounty.org/public-works/bwpr/education-outreach/take-action/responsible-boating
BMP Credit Calculator	Interactive Tools/Maps	Tool to assist NGOs and others in estimating potential impervious restoration credit and TMDL reductions from their projects.	aacounty.org/public-works/bwpr/watershed-restoration/grant-program/bmp-credit-calculator
Restoration Estimator Tool	Interactive Tools/Maps	Tool to assist NGOs and others in exploring restoration opportunities and estimating potential impervious restoration credit and TMDL reductions.	aacounty.org/public-works/bwpr/watershed-restoration/grant-program/restoration-estimator-tool
BWPR Restoration Project Interactive Map	Interactive Tools/Maps	Shows the location and status of all BWPR programmed restoration projects, including non-County projects.	anearundelmd.maps.arcgis.com/apps/webappviewer/index.html?id=e7e7fb6733e448a8809938140bed9e18
WPRF Mapping Application	Interactive Tools/Maps	Interactive map showing the specific WPRF for each parcel in the County and allowing residents to identify impervious surfaces on their property.	gis.aacounty.org/gcx/Viewer/?app=c82c5cff02544a56af888e4ff5c166a2&isEmbedded=true&view=embed&embedMode=stormWater&embedIntro=o
BWPR Watershed Application	Interactive Tools/Maps	Interactive map identifying environmental information on watershed studies, stream assessment surveys, and priorities for restoration and preservation.	gis.aacounty.org/portal/apps/webappviewer/index.html?id=dac2fecf1fc14077bf0faee596f8cf43
Step Pool Stormwater Conveyance Sizing Tool	Interactive Tools/Maps	Tool to estimate the necessary size of an SPSC project given certain environmental factors.	https://www.aacounty.org/public-works/bwpr/watershed-restoration-projects/step-pool-stormwater-conveyance-systems-spsscs/step

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Rainfall Gauge Data	Interactive Tools/Maps	Tool to summarizes rainfall depth at several gauges around the County.	https://www.aacounty.org/public-works/bwpr/watershed-assessment-planning/rainfall-gauge-data
Capital Improvement Program Planning Tool	Interactive Tools/Maps	Tool designed for CIP staff and partners to streamline project planning with evidence-based estimations of the effect of restoration as it relates to TMDL and MS4 goals.	https://www.aacounty.org/public-works/bwpr/watershed-assessment-planning/capital-improvement-program-planning-tool
Step Pool Stormwater Conveyance Systems (SPSCs)	Interactive Tools/Maps	Summarizes function of Step Pool Stormwater Conveyance Systems, including a design manual	https://www.aacounty.org/public-works/bwpr/watershed-restoration-projects/step-pool-stormwater-conveyance-systems-spsscs
Fish Atlas Report & ArcGIS Story Map	General Information	Document and story map detailing the health of the County's non-tidal streams and rivers, including fish communities, based on monitoring.	https://storymaps.arcgis.com/stories/7be7afff1f9146e79397b0f1d8110387
Long-Term Targeted Biomonitoring	General Information	Routine collection of biological, habitat, and geomorphological data from local streams at sites of interest where restoration activities have occurred or are planned.	aacounty.org/public-works/bwpr/ecological-assessment-evaluation/long-term-targeted-biomonitoring
Biological Monitoring	General Information	Countywide program to sample all major watersheds in a 5-year period.	aacounty.org/public-works/bwpr/ecological-assessment-evaluation/biological-monitoring
BWPR Goals Dashboard	General Information	Shows the number of completed and anticipated projects by type and tracks progress toward the impervious surface attainment goal.	aacounty.org/public-works/bwpr
NPDES MS-4 Permit	General Information	Includes a link to the current Anne Arundel County NPDES-MS4 permit and all annual reports as required by MDE.	aacounty.org/public-works/bwpr/npdes-ms-4-permit
TMDL Restoration Plans	General Information	Plans developed by BWPR to address local water quality impairments for watersheds with approved Total Maximum Daily Loads, including required progress reports.	aacounty.org/public-works/bwpr/watershed-assessment-planning/chesapeake-bay-tmdl
Watershed Studies	General Information	Systematic and comprehensive assessments of the County's watersheds conducted since 2002 to evaluate water quality and prioritize streams for restoration and preservation.	aacounty.org/public-works/bwpr/watershed-assessment-planning/watershed-studies
Watershed Restoration Projects	General Information	Houses the Capital Project Listing, interactive restoration project desktop application, and other restoration-related programming	https://www.aacounty.org/public-works/bwpr/watershed-restoration-projects

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Full Delivery of "Turnkey" Water Quality Improvements Program	General Information	Summarizes contract mechanism for private firms to fund design-build-maintain contracts for restoration projects	https://www.aacounty.org/public-works/bwpr/watershed-restoration-projects/full-delivery-turnkey-water-quality-improvements
Non-Tidal Surface Water Monitoring	Education & Outreach	Program responsible for evaluating the in-stream water quality of the County's non-tidal waterways.	aacounty.org/public-works/bwpr/ecological-assessment-evaluation/non-tidal-surface-water-monitoring
Living with Beavers	Education & Outreach	Summarizes the history of beavers and provides resources for cohabitation, highlighting their role in protecting waterways as ecosystem engineers.	aacounty.org/public-works/bwpr/education-outreach/understanding-stormwater/living-beavers
Explore Your Watershed	Education & Outreach	Allows residents to learn about the specific watershed they live in, out of the 12 primary watersheds in Anne Arundel County that discharge into the Chesapeake Bay.	aacounty.org/public-works/bwpr/education-outreach/understanding-stormwater/explore-your-watershed
BWPR Annual Reports: "A Land of Rivers"	Education & Outreach	Summarizes watershed protection and restoration actions initiated by BWPR and partners, along with the fiscal resources used.	https://www.aacounty.org/public-works/bwpr/annual-reports-land-rivers
Blue Notices	Stormwater Management and Maintenance	Stormwater facility design and maintenance guidance is provided to the development community, citizens, and other stakeholders	aacounty.org/inspections-and-permits/blue-notices
Emergent (Marsh) Grass Program	Watershed Restoration	County residents with qualifying living shoreline or other tidal projects can apply for emergent marsh grasses for planting on appropriate sites at no cost	https://www.aacounty.org/inspections-and-permits/forestry/marsh-grasses
Chesapeake Bay TMDL	Education & Outreach	Defines a TMDL and links draft and approved TMDL restoration plans.	https://www.aacounty.org/public-works/bwpr/watershed-assessment-planning/chesapeake-bay-tmdl