

Pennsylvania

Department of Environmental Protection



Growing Greener Plus Grants Program

Funding Watershed Planning,
Restoration and Protection Efforts



pennsylvania

DEPARTMENT OF ENVIRONMENTAL
PROTECTION

3320-BK-DEP3193 4/2023
G.2621 Apr23

For more information, visit www.dep.pa.gov

Search: Growing Greener

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Overview

Growing Greener Plus refers to three grant programs described in this grant guidelines document. The programs covered are Growing Greener (Watershed Restoration and Protection), Act 167 Stormwater Management Plans and Surface Mining Conservation and Reclamation Act (SMCRA) Bond Forfeiture. Applicants can apply to these grant programs using the Commonwealth of Pennsylvania's [Electronic Single Application website](#).

There is 97.1 percent of Pennsylvania's water-quality-impaired waterways polluted from nonpoint source pollution. Some of the primary activities that generate nonpoint source pollution include Abandoned Mine Drainage (AMD), urban and agricultural runoff, atmospheric deposition, on-lot sewage systems, earthmoving, stream hydromodification, and timber harvesting. Nonpoint source pollution comes from many different sources. It originates from numerous places over a widespread area. When rainfall or snowmelt runs over the land or through the ground, the runoff picks up pollutants depositing them into rivers, lakes, wetlands, and coastal waters or introducing them into groundwater. Pennsylvania's Nonpoint Source Management Program establishes the overall strategy to implement watershed restoration and protection activities. The purpose of Growing Greener, SMCRA, and AMD remediation grants is to address nonpoint source pollution through local, watershed-based planning, restoration, and protection efforts.

The Pennsylvania Department of Environmental Protection (DEP) values working with partners who share our view that diversity and equity are integral to success in restoring and protecting the environment for all Pennsylvanians. As we work to demonstrably improve the inclusivity of our programs and processes, we also encourage our partners to pursue increased inclusivity in their operations. In this way, Pennsylvania's natural resources are best protected as "the common property of all the people," as identified in our state constitution.

Purpose

Growing Greener

The Environmental Stewardship and Watershed Protection Act, known as the Growing Greener Watershed Restoration and Protection Program (Growing Greener), was passed into law in December 1999. The statutory authority for the grants is in Section 6105(b) of the Environmental Stewardship and Watershed Protection Act (27 Pa.C.S. §§ 6101—6113). The purpose is to restore Pennsylvania's impaired waters and protect waterways from nonpoint source pollution. Growing Greener requirements begin on page 4.

Surface Mining Conservation and Reclamation Act Grants (Bond Forfeiture)

Grants under this program are authorized through Section 18 of SMCRA of 1977. Guidelines begin on page 22.

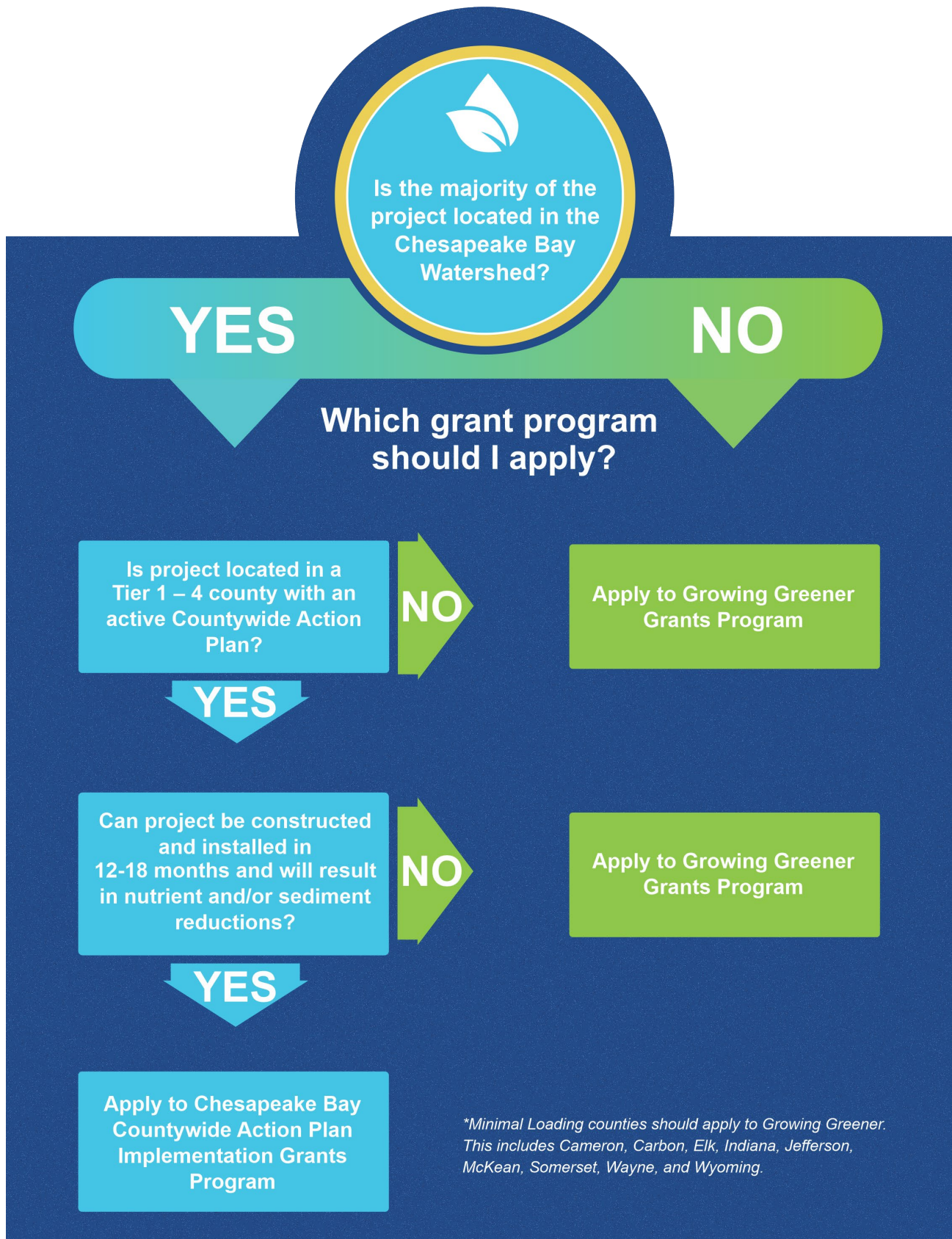
Act 167 Stormwater Management Planning Grants

Grants under this program are authorized through Storm Water Management Act (Act 167 of 1978). Guidelines begin on page 24.

What's New

- The application period is from April 21 – June 23, 2023, with applications due through the Commonwealth [eGrants system](#) by 11:59 p.m. on June 23, 2023.
- The maximum grant request amount is \$500,000. Applications requesting more than \$500,000 are considered ineligible.
- The Storm Water Management Act (Act of Oct. 4, 1978, P.L. 864, No. 167) (Act 167) requires each county to prepare and adopt a watershed stormwater management plan (SWMP) for each watershed located in the county, in consultation with the municipalities located within each watershed. Each county must periodically review and revise the plan at least every five years. Under Section 17 of Act 167, DEP is authorized to award grants to municipalities and counties for reimbursement of costs in preparing and revising stormwater management plans and actual administrative, enforcement and implementation costs when funds are appropriated by the General Assembly for this purpose. As part of the FY2022-23 budget, Act 54 of 2022 allocated funds to DEP for grants and reimbursements (up to 75% of allowable costs) to municipalities and counties for eligible activities. These Stormwater Management Planning (Act 167) grant funds are not subject to the requirements of the Growing Greener Plus program, but the program is being used to solicit applications for county grants.
- AMD Set-Aside Grants are no longer part of the Growing Greener Plus Grants Program. AMD projects remain eligible for Growing Greener; however, AMD discharges resulting from coal mining that was abandoned prior to 1977 are encouraged to apply to DEP's Bureau of Abandoned Mine Reclamation's (BAMR) new [Abandoned Mine Land \(AML\)/AMD Grant Program](#). Projects pertaining to post-1977 SMCRA and Bond Forfeiture AMD problems must still apply to the Growing Greener Program for funding.
- Funds resulting from the Energy Transfer plea will be directed through Growing Greener Plus and other existing Commonwealth programs to fund water quality projects in the counties impacted by the Mariner East II pipeline and the Revolution pipeline.
- Technical Assistance project applicants should include public-private partnerships and focus projects on multiple regions or statewide scale with the purpose to expedite on-the-ground, BMP implementation.
- Applicants must complete and submit a project workplan as part of the application package to streamline the application review timeframe; reduce redundancy of application materials and ensure consistency.

If project is in Chesapeake Bay Watershed, please use the following flow chart to determine where to apply:



Application Deadlines

The application period is from **April 21 – June 23, 2023**, with applications due through the Commonwealth [eGrants system](#) by 11:59 p.m. on June 23, 2023.

All Growing Greener grant applicants should contact the appropriate DEP staff as soon as possible to discuss the anticipated project, but no later than **Friday, June 2, 2023**. Contact information is on pages 43 - 44. Applicants should also contact their County Conservation District Watershed Specialist by **June 2, 2023**.

In addition, for **nutrient and sediment reducing projects** within the Chesapeake Bay watershed only, please use the table below for the appropriate contact and deadline.

Chesapeake Bay Watershed Projects to Reduce Nutrient and Sediment Nonpoint Source Pollution

County Name for Project(s)	Who to Contact?	Deadline
Tier 1 – 4 Chesapeake Bay counties with active CAP, excluding Cameron, Carbon, Elk, Indiana, Jefferson, McKean, Somerset, Wayne, and Wyoming. (Construction Only)	<ul style="list-style-type: none">Community Clean Water Coordinators to apply directly to the Chesapeake Bay Countywide Action Plan Implementation Grants Program	<ul style="list-style-type: none">Contact Community Clean Water Coordinators for details
Tier 1 – 4 Chesapeake Bay counties with active CAP, excluding Cameron, Carbon, Elk, Indiana, Jefferson, McKean, Somerset, Wayne, and Wyoming. (Design and Permitting Only)	<ul style="list-style-type: none">Community Clean Water Coordinator to sign form and acknowledge projectDEP staffCounty Conservation District Watershed Specialist	<ul style="list-style-type: none">June 2, 2023
All other counties (Design, Permitting and/or Construction)	<ul style="list-style-type: none">DEP staffCounty Conservation District Watershed Specialist	<ul style="list-style-type: none">June 2, 2023

Eligibility

Eligible Applicants

Eligible applicants or sponsors must be one of the following:

- Incorporated watershed association
- County, including county planning commission, or municipality
- County conservation district
- Council of governments or
- Other authorized organization that is one of the following:
 - A tax-exempt corporation under Section 501(c)(3) of the Internal Revenue Code and registered with the Pennsylvania Bureau of Charitable Organizations. If an applicant/sponsor is claiming an exemption from registering with the Bureau of Charitable Organizations, the applicant/sponsor must provide proof of such exemption with the application. Conservation commissions or foundations created by state or federal legislation or action are exempt from the incorporation requirement.
 - Educational institution
 - Municipal authority

Applications submitted by ineligible applicants or sponsors will not be considered.

Project Eligibility

There are specific eligibility criteria for Growing Greener (Watershed Restoration and Protection), SMCRA Bond Forfeiture and Act 167 stormwater management plan grants. These include:

- Grant applications must be complete and submitted by 11:59 p.m. on June 23, 2023. Late applications will not be accepted.
- Grant applications must be uploaded and submitted through the Commonwealth [eGrants](#) system.
- Budget information is correct, meets the requirements for matching funds, equipment, and administrative costs, includes only eligible expenses and does not exceed the maximum grant request amount (for additional information and details about ineligible projects or expenses see page 9).
- Applicants have contacted either DEP's Regional/Mining Office staff for a local project or Watershed Support Section staff for a regional or statewide project by the deadline.
- For nutrient and sediment reducing projects in the Chesapeake Bay Watershed, applicants contacted the appropriate Countywide Action Team point of contact by the deadline.

Grant recipients and subcontractors must be in good standing with the Commonwealth, which will be verified with two program checks: eFACTS compliance check and Contractor Responsibility Program check. Grant recipients and subcontractors must pass DEP's eFACTS check to ensure permit compliance. Grant recipients and subcontractors also must pass a Contractor Responsibility Program check to ensure that grant recipients and contractors do not have any tax delinquencies or other obligations with the Commonwealth, in addition to any performance issues, suspensions, or debarments with the Commonwealth or suspensions or debarments with the federal government.

There are program-specific criteria regarding the eligibility of projects focused on AMD remediation funded through the SMCRA Bond Forfeiture grants. Projects addressing mining-related issues may be eligible for SMCRA Bond Forfeiture funds if in an Alternative Bond System (ABS) Legacy Bond Forfeiture site. Projects may be eligible for Growing Greener Watershed Restoration and Protection funds for a limited number of projects pertaining to post-1977 SMCRA. AMD discharges resulting from coal mining that was abandoned prior to 1977 are encouraged to look into applying to BAMR's new [AML/AMD Grant Program](#).

Priorities

In the grant application review process, DEP prioritizes projects that address priority areas. These priority areas include:

Watershed Restoration

- **Design and Construction Projects** – Projects that will:
 - Design, install and maintain agricultural Best Management Practice (BMPs) to reduce nitrogen, phosphorus, and sediment pollutant loads.
 - Reduce nitrogen, phosphorus, and sediment pollutant loads from developed lands and urban runoff by implementing and maintaining BMPs.
 - Reduce AMD-related iron, aluminum, acidity, and sedimentation post-1977 SMCRA.
 - Implement agricultural and stormwater BMPs, stream restoration, bank stabilization to reduce runoff volumes, increase infiltration, improve water quality, and assist in future flood prevention and climate resiliency in support of the [Pennsylvania 2021 Climate Action Plan](#). This includes no-till farming, riparian forest buffers, green infrastructure, and other agricultural and stormwater BMPs.
 - Restore floodplains to mitigate the risk of flood damage in the watershed.
 - Implement projects that support municipal separate storm sewer system (MS4) communities implementing BMPs consistent with an approved Pollution Reduction Plan. The preference is for innovative strategies that go above and beyond the minimal level of permit compliance.
 - Restoration or protection of [designated uses](#) of water, according to water quality standards in 25 Pa. Code Chapter 93. Projects that directly address causes and sources of impairment as listed in DEP's 2022 [Integrated Water Quality Report](#).

Stormwater Management Planning

- Stormwater management planning grants in accordance with Act 167.

Planning

- Plan development for agricultural erosion and sediment control or nutrient and manure management.

Watershed Protection

- **Healthy Waters Initiative (HWI)** – Projects that will:
 - Curtail threats projected to lessen the integrity of a healthy waterbody or watershed attaining water quality standards, particularly for special protection waters. The goal is to protect healthy, intact aquatic ecosystems and watersheds and prevent environmental degradation.
- **Watershed Renaissance Initiative** – Projects that will:
 - Reduce nutrient and sediment impairments in agriculturally impaired waterways. The goal is to work toward complete implementation of existing watershed restoration or implementation plans on small catchment areas using a targeted and focused effort.

Technical Assistance Projects

- Regional or statewide Technical Assistance Projects, featuring public-private partnerships, that expedite on-the-ground, BMP implementation.

Chesapeake Bay Phase 3 Watershed Implementation Plan (WIP) Activities

DEP encourages applicants within the Chesapeake Bay Watershed to apply for projects that implement recommendations of the Phase 3 WIP related to nutrient and sediment reductions included under the Chesapeake Bay TMDL. Refer to the flow chart on page 3 for more information.

Environmental Justice

Projects occurring in Environmental Justice (EJ) Areas: EJ is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies. EJ embodies the principles that communities should not be disproportionately exposed to adverse environmental impacts and anyone can have a seat at the table in the decision-making process that affects their environment. If you have any questions regarding environmental justice, please [contact DEP's Office of EJ](#).

Pennsylvania DEP identifies an EJ Area where 20 percent or more individuals live at or below the federal poverty line, and/or 30 percent or more of the population identify as non-white minority, based on data from the U.S. Census Bureau and the federal guidelines for poverty. DEP has created an interactive mapping tool called [EJ Areas Viewer](#) to determine the location of all EJ Areas throughout the Commonwealth.

Additional Considerations

- Preference will be given to applicants proposing projects that address the [Commonwealth Investment Criteria](#) that will increase job opportunities and foster sustainable businesses.
- Preference will be given to applicants proposing projects in designated or benefiting [EJ areas](#).
- Preference will be given to projects proposed in approved [Act 47 financially distressed municipalities](#).
- Preference will be given to applicants proposing projects with documented co-benefit(s) of climate resiliency, as identified in the Pennsylvania 2021 Climate Action Plan; habitat improvement; and restoration.

- Preference will be given to applicants in a county with an updated and [DEP-approved Act 167](#) plan, within the last 5 years.
- Preference will be given to projects proposing to continue countywide or watershed-based plan implementation.
- Preference will be given to projects that show more than the minimum match requirement will be met within the grant period of performance.
- Preference will be given to projects that provide a significant improvement to water quality based upon pollutant load reductions.
- For existing grantees, failure to submit timely and complete reports and accurate reimbursement requests may result in decreased competitiveness.

Project Priorities and Preferences

The purpose of Growing Greener is to restore Pennsylvania's impaired waters and protect waterways from nonpoint source pollution.

For this grant round, the *priorities* are:

1. BMP implementation
2. Technical Assistance projects
3. Agricultural erosion and sediment control or nutrient and manure management plans
4. Watershed Renaissance and Healthy Waters Initiative projects
5. Priority projects located in or benefiting EJ Areas

For each *preference* the application also addresses, additional credit will be given. This includes projects that will have the greatest direct, positive impact that meet Growing Greener's goals.

Eligible, lower-priority projects also will be considered if funding remains after addressing priority projects. If applying for a lower priority project, be sure to address any preferences that apply.

Applications that are accurate, complete and are proposing to perform priority work will score higher during the grant application review process.

Evaluation and Funding Allocation

All proposals will be competitively reviewed for eligibility, completeness, criteria and environmental benefits using a standardized scoring rubric based upon the grant guidance. To make efficient use of grant funds, DEP will collaborate with partnering funding agencies to avoid funding duplicate projects. If projects are funded by another program, they will not be recommended. For Growing Greener, the Department intends to award up to 50 percent of available funds (not including Act 167 Stormwater Management Planning and SMCRA Bond Forfeiture projects) to address nutrient and sediment nonpoint source pollution within the Chesapeake Bay Watershed. Growing Greener grant funds also will support new AMD treatment projects, addressing post-SMCRA discharges; BMP implementation and planning support for MS4 and agricultural areas; and other types of DEP priority projects as listed above. The funds also will be used to support nutrient and sediment control BMPs statewide.

Ineligible Projects

Growing Greener grants will not fund:

1. Projects that negatively impact public health and out-of-state projects.
2. Projects proposing to construct post-construction stormwater management BMPs to address changes in runoff caused by new or proposed construction activities.
3. Projects on state-owned land for which letters of landowner commitment from the appropriate managing state agency have not been obtained.
4. Projects which will preclude the access to or use of any forested land for the practice of sustainable forestry and commercial production of timber or other forest products.
5. Projects to treat AMD for which an [AMDTreat](#) report output is not included.
6. Projects for which landowner letters are not included or are not in the process of being obtained, as applicable.
 - a. Landowner Access Authorization
 - Required if project involves monitoring only.
 - b. Landowner Letter of Commitment (non-AMD)
 - Required if project involves design and/or installation of any BMPs.
 - c. Landowner Letter of Commitment (AMD)
 - Required if project involves design and/or construction on a bond forfeiture site.
7. Other eligibility requirements listed on page 5.
8. Projects that exceed the \$500,000 maximum grant request amount.
9. Projects that do not use the required workplan template.

Ineligible Expenses

The following expenses will be considered ineligible:

1. Outdoor recreational construction, such as gazebos, pavilions, decks, walking paths, trails and bridges, unless as part of a combined effort (e.g., with the Pennsylvania Department of Conservation and Natural Resources) that incorporates green infrastructure, or is to implement an education and outreach effort.
2. Dredging of streams, lakes, ponds, or other waterways, unless as part of a dam removal or floodplain restoration project, or as incidental to the completion of other types of projects.
3. Administrative expenses greater than five percent of grant request amount.
4. Registration fees as part of education and outreach workshops.
5. Clothing or other give-away materials, except for personal protective equipment.
6. Membership dues to organizations not directly related to the project implementation.

For further information, refer to *A Primer for Fitting Charges within Budget Categories* by clicking [here](#) and scrolling down to the primer.

Project Categories

1. Planning

Proposals for developing or revising plans that address agricultural erosion and sediment control, nutrient or manure management, along with watershed management focused on watershed-specific resources, sources and causes of water quality degradation or impairment and that have a realistic schedule of tasks will be favored for funding.

Watershed Assessment and Restoration Plans (New or Revised)

- A watershed management plan should be a comprehensive water resources assessment, emphasizing water quality.
- Evaluation and prioritization of projects and initiatives.
- Description of proposed project implementation.
- Monitoring and long-term maintenance aspects to measure and ensure ongoing success.

Agricultural Erosion and Sediment Control or Nutrient and Manure Management Plans

- Agricultural Erosion and Sediment Control plans with narratives, maps, and documentation aligned with plan requirements. Information, including the plan template, can be viewed [here](#).
- Nutrient Management Plans must contain all plan components as required under the Act 38 nutrient management program. Current and standardized planning tools can be viewed [here](#).
- Manure Management Plans must contain all plan components as required. Current and standardized planning tools can be found [here](#).

2. Education and Outreach

Projects that result in educating the target audience about actual environmental conditions, nonpoint source pollution and implementation of BMPs. For each proposal:

- Describe the methods of communication, message, target audience, recruitment plan and expected number of participants.
- Describe the evaluation method to assess success, such as a pre- and post-program survey.
- Describe how the project will be tailored to the specific watershed and will relate to any watershed plan goals, objectives or priority actions.

Videos, brochures, websites and newsletters as stand-alone tools without a corresponding implementation plan and mechanism for evaluation of success are not preferred. For any workshop where a registration fee is charged, the amount must be deducted from any reimbursement request.

3. Design and/or Construction

Projects that result in the design and/or construction of watershed restoration and protection projects. For large, complex projects, such as floodplain restoration, lengthy design and permitting processes may be required. For these types of projects, two separate grant applications, made in two separate grant years as phases, are strongly recommended. The first application phase would fund project design, permitting, evaluations for natural diversity and historical impacts and other pre-construction activities. The second application phase would be to fund construction.

The proposal should:

- Identify the approximate size and location of the problem area(s). Include photos of the existing conditions at the site(s).
- Describe what attempts have been made or will be made to address the source(s) and cause(s) of the problem at other sites, especially those that eliminate or treat the problem at the source (e.g. treatment of urban runoff at the source rather than through downstream dredging).
- Describe how the measures to be implemented will have a significant impact on restoring or protecting water quality. The type and quantity of BMPs to be constructed should be included, along with the anticipated life span of the BMP, if known.
- Describe how restoration projects relate to water quality problems throughout the watershed.
- Quantify the estimated environmental benefits/results that can be expected from the project, including pollutant load reductions and/or length of stream improved; projects may not be funded without this information.
- Describe the roles and responsibilities of each group involved in the project.
- Describe landowner(s) involvement; include signed landowner letter(s) of commitment.
- Describe contractor involvement, contracting procedures, construction inspection provisions and any competitive bid process to be used.
- Include an operation and maintenance plan.
- Include the use of [AMDTreat](#) software for rough sizing and cost estimating for all applications for design and/or construction of AMD treatment facilities.
- Indicate the project schedule, tasks, deliverables, and timelines.
- Include land use planning form or approval letter from the municipality/planning office.
- Break out project deliverables in the Task and Deliverable budget worksheet to allow for partial funding.

4. Operation, Maintenance and Repair/Replacement

The need for long-term operation, maintenance, and repair/replacement (OM&R) has been recognized as a requirement to ensure the continuing success of watershed restoration projects. This category is not intended to fund routine operation and maintenance activities, nor is it intended to repair or replace systems damaged by operator negligence. The purpose of this funding category is to fund **non-routine** OM&R items for existing watershed restoration projects. It is not expected to be used to cover all OM&R costs, but only those that cannot be covered by project sponsors using local resources. Example OM&R projects include: lab analysis of water samples collected for monitoring purposes; major structural repairs to streambank stabilization, stream restoration or stormwater management BMP projects damaged by flooding; replacement

of materials being used up in the system (e.g., compost, limestone); and partial system reconstruction where the system is not operating as designed. Dedicated sponsors, with landowner approval, are expected to conduct much of the operation and routine maintenance tasks. Proposals for OM&R projects should:

- Identify on a map the approximate size and location of the critical areas to be treated. Include photos of the existing site(s) documenting current conditions.
- Describe the impacts to the watershed should this system fail to provide effective treatment.
- Indicate the project schedule, tasks, and timelines, including obtaining necessary permits and approvals.
- For projects proposing treatment of specific source include water quality data and cite the source of the data.
- Identify the funding source of the original construction project that resulted in the system needing OM&R funding.
- Describe what routine measures have been done prior to this application for the efficient operation of the facility to preclude the need for more expense replacements.
- A final detailed plan that identifies the OM&R needs, responsible parties and established financial resources will be a project deliverable for all OM&R projects to treat AMD. The applicant must state in the plan if it expects any party other than itself, to be responsible for the long-term project repair/replacement. Applicants should not expect DEP to be responsible for long-term project OM&R.

5. Technical Assistance

Applicants provide mentoring and other assistance to local organizations involved in watershed restoration at no cost to the local organization. Technical assistance projects provide a technical service directly to local organizations in a defined geographical area.

The priority for this grant round is technical assistance projects featuring public-private partnerships to expedite BMP implementation. Projects should focus on regional, multiple regions or a statewide scale. The goal of these grants is work with private partners to provide new resources to expedite on-the-ground BMP implementation. Projects will provide new resources, such as new technologies, plan writing, design creation and permitting.

Previous technical assistance grants have been given for data management, agricultural plan writing, geographic information, general and specialized science advice, technical engineering work and general program management. Technical assistance services must support DEP priorities and program initiatives with an emphasis on helping local organizations achieve technical capability.

6. Evaluation, Assessment and Monitoring Tools for Watershed Management

Applicants will develop tools, techniques, and methodologies to aid Pennsylvania's watershed restoration and protection community to implement, monitor and evaluate watershed restoration and protection plans and activities. Applications proposing information technology tools shall be consistent with DEP's [Guidance for Data Management](#). Example projects include:

- Research leading to improved efficiency and effectiveness of BMPs.

- Information technology aiding in the access and use of watershed data.
- Modeling for watershed management.

7. Watershed Group Organization/Support

Applicants will develop new or reinvigorate existing or inactive watershed organizations. This project category aims to increase the capacity of local watershed organizations by supporting member recruitment, retention, training and development, board development, handling legal and organizational issues, risk management and other topics to help these organizations improve water quality in small watersheds through public engagement, education and on-the-ground restoration projects. Projects should educate and engage residents in watershed improvement while achieving measurable results. Proposals should:

- Identify the physical area of focus for the group using natural boundaries converging at stream or river outflow(s).
- Identify the watershed the group will advocate for, who will help and how the organization will aid the watershed and residents.
- Describe the process and timeline to identify stakeholders, develop goals and objectives, formulate mission statements, and develop a constitution and bylaws.
- Identify existing nonpoint sources of pollution and if water quality monitoring will be needed.
- Discuss provisions for a public meeting and consideration of filing articles of incorporation, as applicable.
- Describe how the group plans to recruit and retain volunteers.
- Include a plan describing the long-term sustainability of the organization.

8. Healthy Waters Initiative

The goal of the HWI is to protect healthy, intact aquatic ecosystems and watersheds. Applicants will implement projects designed to curtail threats that are projected to lessen the integrity of a healthy waterbody or watershed. HWI aims to avoid rather than treat a problem.

HWI projects will use existing data for projecting the trend of a condition or demographic that can be correlated to some loss of integrity to a waterbody or watershed. Trends in factors that are shown to be headed towards a threshold that will degrade environmental integrity are to be used in planning and applying practices. Projects should forecast and develop ways to keep the factors from crossing a described threshold that would cause identifiable harm or negative impacts to a healthy, intact ecosystem. A project might apply foresight in development of ordinances, protections, or offsetting, but could instead endorse green technologies or changes in conduct and actions that will address identified pressures.

Watersheds with a recognized, important distinction (e.g., with a Source Water Protection Plan in place; designated as a Scenic River) or carrying an elevated designation (e.g., Exceptional Value Waters or High Quality Waters; Class A Wild Trout Streams) or carrying another verified special classification, use or intrinsic merit will be given priority. However, any waterbody that is threatened is a potential candidate for HWI projects. Examples of conditions of concern include threats associated with changing land use, nonpoint source pollution, invasive species, lack of green practices, non-sustainable development, an attaining subwatershed within a larger hydrologic unit code 12 watershed with significant impairments or other conditions that will

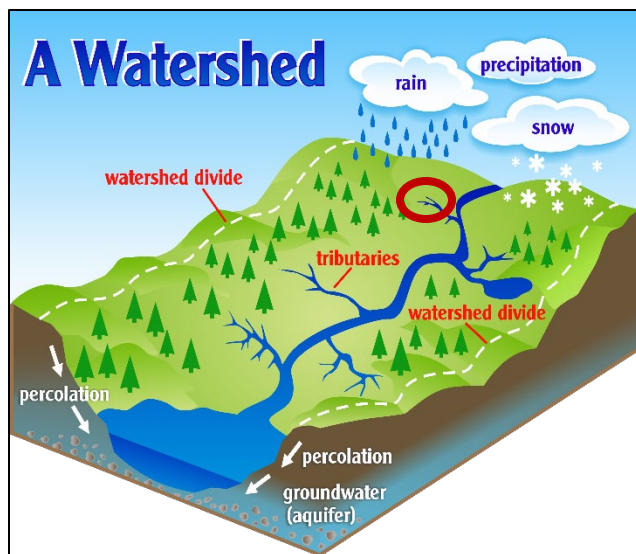
reduce the environmental health or integrity of a waterbody if left unchecked. Additional consideration will be given to those projects and areas with demonstrated local interest and involvement in protection.

The applicant must describe and identify:

- The watershed under consideration and qualifying designation or distinctions.
- The threat, trend of threat and threshold to be avoided, documented with valid, existing data.
- Methods used to show that indicators of integrity are trending towards and projected to go beyond a reasonably established vulnerability point.
- Proposed practices or activities that will curtail threat of degradation and maintain or improve water quality.
- A reasonable time and activity schedule which includes planning and implementing practices to protect and preserve healthy waters.
- A strategy to inform and involve the public, officials, planners and/or other stakeholders on findings and recommendations for continued sustainability of healthy water bodies.

9. Growing Greener Watershed Renaissance Initiative

The goal of the GGWRI is to complete implementation of existing watershed restoration or implementation plans on small catchment areas of approximately 25 or fewer land parcels.



The red circled area above shows a small catchment. Source: DEP.

Catchment areas may be bundled together or applied for separately based upon the Common Identifier (COMID). The COMID's are listed in the "NHD Flowline COMID" column in the table beginning on page 17. The focus is on agriculturally impaired waterways to reduce nutrient and sediment impairments. Eligible small catchment areas have been identified within Pennsylvania's Chesapeake Bay watershed through local partner efforts and CAP development. These eligible catchments have agriculturally impaired waterways, for aquatic life use, as listed in DEP's 2022 Integrated Report and are located in the following counties: Centre, Huntingdon, Lancaster, Snyder and Union counties. The objective is to complete implementation of BMPs within 7 years and rapid delisting within 10 years. The program will be completed in phases. Phase 1 will fund a

comprehensive approach of landowner education and outreach, agricultural planning, design/engineering, permitting, and data management. Agricultural plans must meet Pennsylvania's Chapter 102 erosion and sediment control and / or Chapter 91 manure management regulatory requirements, at a minimum. All structural agricultural BMPs must meet NRCS standards and specifications. With the completion of Phase 1, organizations may apply for Phase 2 or construction funding. The maximum grant request amount for Phase 1 is \$500,000.

To locate an eligible catchment, use the NHD Flowline COMIDs found in the table beginning on page 17. Click on the [2022 Integrated Water Quality Report](#) and scroll down and click on “Integrated Report Viewer.” Type in the COMID number in the “NHD Flow COMID” box and click “Search.” Ensure that all COMIDs, containing stream segments and other waterbodies, are included to be an eligible catchment. The black circled area below shows an example of the eligible “Air Hill Road, Chiques Creek Headwaters” catchment in Lancaster County.

NHD Flowline COMID:	NHD Flowline Reachcode:	Assessment ID:	Assessment Key:	Assessment Determination:	Assessment Category:	Assessment Status:	Assessment Category:	ATTAINS ID:	ATTAINS Name:	Stream Name:
57461907	020503060045	19379	20151214-1010-mbrickner	Impaired	Aquatic Life	Approved	5alt	PA-SCR-57461907	Unnamed Tributary to Chiques Creek-57461907	Unnamed Tributary to Chiques Creek

The application must thoroughly describe and identify the following:

- Small catchment area of approximately 25 or fewer land parcels with agriculturally-impaired waterways, such as nutrients and/or sediment as listed in DEP’s [2022 Integrated Water Quality Report](#) and are located in Centre, Huntingdon, Lancaster, Snyder and/or Union counties.
- Catchment area located in a watershed with an existing restoration plan. Examples of plans are watershed implementation or restoration plan, Countywide Action Plan, agricultural conservation plans, such as Erosion and Sediment Control, Nutrient and/or Manure Management, and along with agricultural BMPs. BMPs must address the causes of the agricultural impairment. Applications *only* proposing stream restoration projects will not be funded but must have a mix of agricultural plan implementation, upland and streamside agricultural BMPs.
- Agricultural plans must meet Pennsylvania’s Chapter 102 erosion and sediment control and/or Chapter 91 manure management regulatory requirements, at a minimum. Agricultural plans may also meet NRCS standards, such as Conservation Plan, Grazing Plan, and Nutrient Management Plan standards.

- Design and engineering for structural agricultural BMPs must meet NRCS standards and specifications.
- Cooperative landowners and agricultural operations ready-and-willing to implement BMPs. The Landowner Letters of Commitment are encouraged, but not required. Landowner Grantee Agreements are required prior to BMP construction.
- Slightly impaired waterways or those within 10 points of full attainment of water quality standards using the [index of biological integrity](#), or IBI, scores for [benthic macroinvertebrates](#).
- Robust landowner education and outreach strategy designed to motivate and recruit landowners.
- Expected pollutant load reductions, results and model used. [Model My Watershed](#) is the recommended model.
- Reasonable timeline and schedule.
- Partnership contributions toward implementation and how Growing Greener funding will complement those partnerships. Applicants need to include letters of support from partners.
- Documented assurance of long-term (20 year) operation and maintenance commitments addressing personnel and the cost of operation and maintenance of all BMPs installed.
- Monitoring and evaluation plan covering 3 years following final BMP implementation. The plan is intended to track BMP pollutant removal effectiveness. The monitoring and evaluation plan must provide documentation of commitments of personnel and funding to carry out the plan.
- Description of plans to work with the county conservation district.
- Explanation of how the agriculture inspection program will be incorporated in counties with a conservation district Chesapeake Bay Technician. In counties where there are no Chesapeake Bay Technicians, include an explanation of how agricultural compliance assistance and/or assurance will be built into the project.

The small catchment area must be of manageable size as to facilitate the full and complete implementation within a 7-year period with the ultimate goal of rapid delisting within 10 years.

Eligible Catchments

Catchment Name	Acres	Square Miles	County Name	NHD Flowline COMID	Impairment Sources and Causes
Air Hill Road (formerly Headwaters to Chiques Creek)	294	0.46	Lancaster	57461907 57461889 57461891 57461893	AGRICULTURE - SILTATION
Beaver Branch	2,890	4.52	Centre	65603358 65603318 65603374 65603422 65603290 133386857 65603320 133386853	AGRICULTURE - SILTATION
Bells Run East Headwaters	445	0.70	Lancaster	57467455	AGRICULTURE - NUTRIENTS; AGRICULTURE - SILTATION
Calumus Run	498	0.78	Lancaster	57465151 57465335	AGRICULTURE - NUTRIENTS; AGRICULTURE - SILTATION; AGRICULTURE - ORGANIC ENRICHMENT; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - SILTATION; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - HABITAT ALTERATIONS
Cherry Hill Unnamed Tributary (Trib.) (UNT) (formerly Tiny Trib. to mainstem Pequea Creek)	232	0.36	Lancaster	57464299	HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - SILTATION; AGRICULTURE - NUTRIENTS; AGRICULTURE - ORGANIC ENRICHMENT; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - HABITAT ALTERATIONS; AGRICULTURE - SILTATION
Conley Run	1,047	1.62	Union	66920763 66920681 66920669 66920721 66920819 66920767 66920771 66920687 66920799 66920723 66920675	GRAZING IN RIPARIAN OR SHORELINE ZONES - NUTRIENTS; GRAZING IN RIPARIAN OR SHORELINE ZONES - SILTATION

Catchment Name	Acres	Square Miles	County Name	NHD Flowline COMID		Impairment Sources and Causes
Elk Creek	11,245	17.60	Centre	54960947	54961159	GRAZING IN RIPARIAN OR SHORELINE ZONES - SILTATION
				54960847	54961363	
				54961615	54961015	
				54961277	54961171	
				54961119	54960873	
				54961077	54961709	
				54961683	54961055	
				54960693	54960867	
				54961695	54960883	
				54960747	54960841	
				54961301	54961513	
				54961731	54960723	
				54961053	54960977	
				54961195	54960871	
				54961079	54961041	
				54961327	54960989	
				54961303	54960933	
				54960861	54960859	
				54960869	54960745	
				54961689	54960691	
				54961111	54960849	
				54961275		
Halfmoon - Bald Eagle	2,815	4.40	Centre	65602892	65602920	AGRICULTURE - SILTATION
				65602902	65602884	
				65602878	65602888	
				65602906	65602900	
				65602882	65602894	
				65602886	65602948	
				65602918	65602880	
				65602890	65602946	
				65602908	65602904	

Catchment Name	Acres	Square Miles	County Name	NHD Flowline COMID		Impairment Sources and Causes
Halfmoon - Loveville	2,245	3.51	Centre	65603072 65603042 65603050 65603120 65603040	65603172 65603104 65603032 65603034 65603122	AGRICULTURE - SILTATION
Hammertown Road	895	1.40	Lancaster	57461761 57461769 57461755 57461767	57461751 57461753 57462009	GRAZING IN RIPARIAN OR SHORELINE ZONES - SILTATION; GRAZING IN RIPARIAN OR SHORELINE ZONES - ORGANIC ENRICHMENT
Headwaters 2 to Pequea	3,342	5.22	Lancaster	57462759 57462737	57462753 57462751	AGRICULTURE - SILTATION; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - SILTATION; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - HABITAT ALTERATIONS
Headwaters Susquehecka	938	1.47	Snyder	54967437 54967919 54967281	54967237 54968261	AGRICULTURE - SILTATION
Herville UNT (formerly Small Tribs. to mainstem Pequea)	1,133	1.77	Lancaster	57466119 57466027 57466245 57466125	57466023 57466011 57466077 57466133	AGRICULTURE - SILTATION; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - SILTATION; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - HABITAT ALTERATIONS
Indian Spring Run	3,978	6.22	Lancaster	57463201 57463375 57463215 57463229 57463383 57463247	57463299 57463161 57463371 57463221 57463163	HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - SILTATION; AGRICULTURE - NUTRIENTS; AGRICULTURE - ORGANIC ENRICHMENT; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - HABITAT ALTERATIONS; AGRICULTURE – SILTATION
Nickel Mines Run East Headwaters	682	1.07	Lancaster	57465583		AGRICULTURE - NUTRIENTS; AGRICULTURE - SILTATION
Salisbury Twp. - Churchtown (formerly Upper Pequea Stream Reach)	646	1.01	Lancaster	57463061	57463063	AGRICULTURE - SILTATION; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - SILTATION; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - HABITAT ALTERATIONS

Catchment Name	Acres	Square Miles	County Name	NHD Flowline COMID		Impairment Sources and Causes
Trib. 1 to Conestoga at mouth	412	0.644	Lancaster	57466863	57466839	CROP PRODUCTION (CROP LAND OR DRY LAND) - NUTRIENTS; CROP PRODUCTION (CROP LAND OR DRY LAND) - SILTATION
Trib. 2 to Conestoga at mouth	673	1.05	Lancaster	57467191		CROP PRODUCTION (CROP LAND OR DRY LAND) - NUTRIENTS; CROP PRODUCTION (CROP LAND OR DRY LAND) - SILTATION
Trib. at Octoraro Lake	444	0.70	Lancaster	57468885	57468931 57468979	AGRICULTURE - SILTATION
Trib. to Little Chiques	1,417	2.22	Lancaster	57462945	57462879 57462961 57462841 57462943 57462905 57462913 57462901 57462987 57462839 57462937 57462923 57462917 57462881 57462989	AGRICULTURE - SILTATION
Trib. to Rife Run	524	0.82	Lancaster	57462455	57462529 133624804 57462555 57462543	URBAN RUNOFF/STORM SEWERS - SILTATION; AGRICULTURE - SILTATION; AGRICULTURE - EUTROPHICATION
Trib. to Pine Creek	3,676	5.75	Centre	54962455	54963531 54963697 54963529 54963347 54964449 54964393 54963149 54962345 54963503 54964129 54964127 54963505 54964395 54962869 54963349	GRAZING IN RIPARIAN OR SHORELINE ZONES - SILTATION; AGRICULTURE - NUTRIENTS; AGRICULTURE - SILTATION

Catchment Name	Acres	Square Miles	County Name	NHD Flowline COMID		Impairment Sources and Causes
Turtle Creek South (1)	1,497	2.34	Union	54962121, 54962801 54963139	54962829 54963151	AGRICULTURE - NUTRIENTS; CROP PRODUCTION (CROP LAND OR DRY LAND) - SILTATION; GRAZING IN RIPARIAN OR SHORELINE ZONES - SILTATION
W. Hempfield Twp. Trib.	224	0.35	Lancaster	57463959		AGRICULTURE - SILTATION
Warriors Mark Run - East	4,670	7.31	Huntingdon	65603306 65603420 65603196 65603324 65603208 65603256 65603634 65603636 65603202 65603210 65603508 65603350 65603510 65603362 65603298	65603418 65603550 65603308 65603486 65603440 65603756 65603134 65603382 65603310 65603198 65603258 65603442 65603176 65603548	GRAZING IN RIPARIAN OR SHORELINE ZONES - NUTRIENTS; GRAZING IN RIPARIAN OR SHORELINE ZONES - SILTATION

Surface Mining Conservation and Reclamation Act Grants Bond Forfeiture Projects

The primary focus of these grant categories is the design, construction and/or rehabilitation of treatment facilities on ABS Legacy AMD discharge sites, but grants may also be awarded for ABS bond forfeited land reclamation projects. Projects most likely to significantly address the impacts of AMD discharges in a cost-effective way will receive preference for funding.

SMCRA (Bond Forfeiture) Grants

Eligible Applicants

Eligible applicants must be one of the following types of organizations or obtain a sponsor that is one of the following types of organizations:

- County or municipality
- County conservation district
- Council of governments
- Municipal authority
- School district
- Other appropriate incorporated nonprofit organization including the following:
 - Incorporated watershed association
 - Entity whose mission it is to further the protection, enhancement, conservation, or preservation of the Commonwealth's environmental resources

Applications submitted by ineligible applicants or ineligible sponsors will not be considered.

Eligible Projects

Projects eligible for grants under this program are limited to the sites that fit the definition of "ABS Legacy Sites" in [25 Pa. Code § 86.1](#) (i.e., mine sites, permitted and bonded from July 31, 1982, to August 4, 2001, under the ABS, where bonds have been forfeited). Applicants must contact the local DEP district mining office staff (see page 44 for contact information) to identify which ABS legacy bond forfeiture sites need remediation.

Letters of Commitment

If the project involves design and/or construction, the applicant must provide one of the following with the application: 1) a SMCRA landowner letter of commitment; 2) a consent of landowner to right of entry for study and design of mine reclamation project; or 3) a consent to right of entry for design and study and for construction, operation and maintenance of mine drainage treatment facility.

Insurance Requirements

In the event a SMCRA bond forfeiture grant is awarded, the applicant shall require its subcontractors to purchase and maintain at their expense the following types of insurance, issued by companies licensed to do business in the Commonwealth or in jurisdictions with similar regulatory requirements:

- A. Worker's compensation insurance sufficient to cover all the employees of the subcontractor working to fulfill the grant agreement.
- B. Comprehensive general liability insurance, including bodily injury and property damage insurance, to protect the Commonwealth, the applicant and subcontractor from claims arising out of the performance of the grant activities. The amount of bodily injury insurance shall not be less than \$1,000,000 for injury to or death of persons in a single occurrence. The amount of property damage insurance shall not be less than \$500,000 per occurrence of property damage.
- C. Automotive liability insurance, including bodily injury and property damage insurance, to protect the Commonwealth, applicant and subcontractor from claims arising out of the performance of the grant activities. The amount of bodily injury insurance shall not be less than \$1,000,000 for injury to or death of persons in a single occurrence. The amount of property damage insurance shall not be less than \$500,000 per occurrence of property damage.

Required insurances shall include as named insured's property owners in the project area from whom consents for right of entry have been obtained. Such coverage shall be required unless coverage for lesser amounts is deemed sufficient and approved in writing by DEP. Prior to commencing work under any grant, the grantee will be required to provide to the Commonwealth certificates of insurance from its subcontractors.

Contact the DEP district mining office staff for the district where the site is located with any questions (contact information on page 44).

Stormwater Management Planning (Act 167) Grants

Act 167 requires each county to prepare and adopt a watershed stormwater management plan (SWMP) for each watershed located in the county, in consultation with the municipalities located within each watershed. Each county must periodically review and revise the plan at least every five years. Under Section 17 of Act 167, DEP is authorized to award grants to municipalities and counties for reimbursement of costs in preparing and revising SWMPs and actual administrative, enforcement and implementation costs of stormwater ordinances when funds are appropriated by the General Assembly for this purpose.

As part of the FY2022-23 budget, Act 54 of 2022 allocated funds to DEP for grants and reimbursements (up to 75% of allowable costs) to municipalities and counties for eligible activities. As part of this grant solicitation, DEP is only providing grants to counties. These funds are not subject to the requirements of the Growing Greener Plus program, but the program is being used to solicit applications for county grants. Reimbursements for municipalities will be handled outside of the Growing Greener Plus Grants Program.

Eligible Applicants

Eligible applicants include counties. Other applicants will be deemed ineligible.

Eligible Projects

The primary focus of the Act 167 Plan grants is for the preparation or revision of Act 167 Plans by counties. Interested counties will submit an application to DEP using the eGrants system. If the application is selected, DEP will transmit a grant agreement for review and approval by the county. Upon execution by DEP, counties will prepare a Phase I scope of study under [25 Pa. Code § 111.14](#) and, following completion of Phase I, counties will submit an invoice for up to 75% reimbursement for Phase I work. Upon approval of Phase I by DEP, Phase II (or components thereof) may be authorized for the county to prepare or revise its Act 167 Plan.

A secondary objective for the funds appropriated for Act 167 is to reimburse municipalities for costs associated with administration, enforcement, and implementation of stormwater ordinances. Allowable costs are identified at [25 Pa. Code § 111.23](#). Submission of a grant application is not necessary for municipalities to obtain reimbursement for eligible expenses. Starting on January 1, 2024, municipalities may submit applications for reimbursement for the prior calendar year (subject to the availability of funds) up to March 31 of each year. The application for municipal reimbursement form is available in DEP's eLibrary (DEP document # [3800-FM-BCW0059](#)). Completed forms should be submitted to the Bureau of Clean Water at RA-EPPAMS4@pa.gov. Only municipalities that have enacted a stormwater ordinance that is consistent with a model ordinance contained in a current and approved Act 167 Plan are eligible for reimbursement.

Reimbursements for allowable costs for counties and municipalities will be governed by [25 Pa. Code Chapter 111](#).

Letters of Support

For counties that wish to prepare or revise an Act 167 Plan, as part of the Phase I scope of study counties must submit letters of support from the municipalities within their jurisdiction indicating their

commitment to participate in and support the SWMP development or revision process, and to enacting the ordinance that will be developed or revised as part of the SWMP development or revision process.

Prioritization

This funding program is competitive. The following types of SWMP development or revisions projects will receive the highest ranking:

- Act 167 Plans for watersheds that are impaired, where at least one of the causes of impairment is related to stormwater runoff.
- New Act 167 Plans for watersheds that have never previously had a SWMP developed for it.
- Act 167 Plans for watersheds with demonstrated flooding problems.
- Act 167 Plans that will further the goals of existing efforts to improve stormwater management within the County such as Pollutant Reduction Plans (PRPs) and Total Maximum Daily Load (TMDL) Plans required under MS4 National Pollutant Discharge Elimination System (NPDES) permits, and Chesapeake Bay Watershed County Action Plans (CAPs).
- Act 167 plans that will identify and schedule the implementation of stormwater control measures to reduce the volume of stormwater runoff to the benefit of county-wide or regional PRPs for MS4NPDES permits.

Funding Caps

For counties, DEP is establishing caps on the cost of Phase I scopes of study in order to maximize utilization of available funds. The 75% level of reimbursement will be up to these caps. The caps are based on population within the county as of the 2010 Census, as follows:

County Population	Maximum Grant
> 750,000	\$60,000
250,000 – 750,000	\$50,000
< 250,000	\$40,000

Phase II funding caps may be established at a later date.

The cap for reimbursement of allowable costs by eligible municipalities will be \$10,000 per year, subject to the availability of funds.

Contact

For additional information please contact DEP's Bureau of Clean Water at (717) 787-5017 or RA-EPPAMS4@pa.gov.

How to Complete the Act 167 Grant Online Application

Act 167 Grants Instructions Only

The application document and attachments must be completed and uploaded into the Commonwealth's eGrants system (www.esa.dced.state.pa.us) by 11:59 p.m. on Friday, June 23, 2023. For assistance with the eGrants system, contact the Pennsylvania Department of Community and Economic Development's Customer Service Center by phone at 800-379-7448 or by email at ra-dcedcs@pa.gov.

1. Applicant tab

Provide requested information for the project applicant including the applicant's legal entity name.

2. Project Overview tab

- Project Name – Provide a short, descriptive name for the project. The name should indicate the county or watershed for which the SWMP will be developed or revised. If the county or watershed has an existing SWMP in need of revision include "revision" in the project name.
- Related to a previously submitted project – if the SWMP will be a revision select "yes" to this question and list the name of the existing SWMP that will be revised.

3. Project Site tab

Counties should select their county from the county dropdown menu and select "county-wide" from the municipal dropdown menu. All other selections may be left blank.

4. Project Narrative tab

Provide a brief response to the project narrative questions. Text entries in each text box is limited to 5000 characters. If the applicant would like to provide more information that is allowed in the text box, they may include additional relevant information as attachments in the Addenda section. The attachment of additional information is optional.

5. Program Budget tab

Funding caps have been established for Phase I studies in order to maximize utilization of available funds. The caps are based on population within the county as of the 2010 Census. Counties may request up to the maximum grant amount listed for their county population, if justified. If awarded, counties will be reimbursed up to the requested amount at 75% of total project cost. For example, if the total cost of Phase I study for a county with a population less than 250,000 is estimated to be \$30,000, DEP may reimburse allowable costs up to \$22,500.

County Population	Maximum Grant
> 750,000	\$60,000
250,000 – 750,000	\$50,000
< 250,000	\$40,000

In the budget spreadsheet list the population category for the county. The grant amount requested may not exceed the maximum grant amount listed in the table above for the population category.

The basis of costs tab will auto populate. No data is required to be entered in the basis of cost tab.

6. Addenda

- Applicant contact – list the name, title, organization, contact email, and contact phone number for the person who will be responsible for managing the grant.
- Impaired waters – for each watershed to be covered by the SWMP, list the impaired waters within watershed that are impaired for causes related to stormwater runoff. Use DEP's [2022 Integrated Water Quality Report](#) to obtain this information.

For each watershed indicate if the proposed plan will be a new plan or plan revision. If the SWMP will be a revision select yes in the revision column and indicate the date of the existing plan. If there is no existing SWMP for the watershed select no in the revision column and enter "n/a" in the plan date column.

Source causes related to stormwater runoff include:

- Urban runoff/storm sewers - flow regime modification
- Urban runoff/storm sewers - habitat alteration
- Urban runoff/storm sewers - siltation
- Urban runoff/storm sewers - total suspended solids
- Urban runoff/storm sewers - cause unknown
- Site Clearance (Land Development or Redevelopment) - siltation
- Construction - siltation
- Highway/Road/Bridge Runoff (non-construction related) - siltation
- Highway/Road/Bridge Runoff (non-construction related) - flow regime modification
- Highway/Road/Bridge Runoff (non-construction related) – turbidity
- Watershed Plan Advisory Committee – The development of a SWMP or SWMP revision requires the development of a watershed plan advisory committee composed of at least one representative from each municipality within the watershed, the county conservation district and such other agencies or groups as are necessary and proper to carry out the purposes of the committee (Act 167, Section6(a)).
 - List the name of each municipality that will participate in the SWMP development or revision process and the name of the municipal representative that will be a part of the watershed plan advisory committee.
 - List the name of any non-municipal organizations that will participate in the SWMP development or revision process and the name of the representative from that organization that will be a part of the watershed plan advisory committee.

- MS4 permittees – If there are municipal and/or non-municipal entities with MS4 permits within the County, enter the number of MS4 permittees and their permit types. If there are no MS4 permittees in the county enter zero.
 - If there are MS4 permittees within the county list the municipalities or non-municipal entities and use the dropdown menu to indicate if they have a waiver, individual permit, or have general permit coverage (PAG-13). For each permittee, indicate within which watershed or watersheds the permittee is located.
 - Select yes or no to if the Act 167 plan(s) that will be developed or revised will identify and schedule the implementation of stormwater control measures that will reduce the volume of stormwater runoff to the benefit of a county-wide or regional Pollutant Reduction Plan (PRP) for MS4 NPDES permits. If yes is selected, list the name of the county-wide or regional PRP.
- Attachments, letters of support (optional) - Applicants may attach letters of support for SWMP development or revision. Letters of support are encouraged, but not required.
- Attachments, Project Narrative supplemental documentation (optional) - If the applicant has additional information to support the responses provided in the Project Narrative section those documents can be attached here. The attachment of additional information is optional.
- Phase II Grant Interest (Optional) – DEP is entering into grant agreements with counties for the preparation or revision of SWMPs is governed by 25 Pa. Code Chapter 111. Grant agreements specify that the county prepare the SWMP or SWMP revision in at least two phases. Phase I includes the preparation and submission by the county of a scope of study under § 111.14 (relating to Phase I—scope of study) for review and approval by the Department. After the approval of Phase I, the Department will have the discretion to authorize the county to prepare Phase II, consisting of a detailed watershed stormwater plan or revision and other phases that may be required, based on the level of effort and cost approved in the scope of study.

Authorization for the county to prepare Phase II is not a guarantee of funding. Funding for Phase II grant agreements will reflect the availability of funds in each fiscal year. If insufficient funds are available to fully fund a Phase II grant agreement, DEP may limit the scope of the Phase II grant agreement to cover only some of the Phase II components identified in the scope of work.

This question is intended to gauge the interest from applicants in for Phase II funding. By selecting yes to this question, the applicant is not applying for additional funding.

Act 167 Grant Award Requirements

If Your Project Is Funded:

1. Applicants chosen for funding will be required to execute a formal grant agreement with DEP. The agreement will include a detailed scope of work, project schedule, budget, and any other requirements as appropriate.
2. The period of performance for the grant award will commence with the date of the official announcement of the grant awards. The project must be completed within 3 years from the contract execution date.
3. Reimbursement will only be for actual project costs authorized in the budget and scope of work and incurred within the grant period of performance.
4. An application for reimbursement package must be submitted quarterly. The reimbursement package requirements will be included in the grant agreement.

The report submission schedule is as follows:

Quarter	Reporting Period	Submission Deadline (on or about)
1	January – March	April 10
2	April – June	July 10
3	July - September	October 10
4	October - December	January 10

Growing Greener Online Application Addenda

The application document and attachments must be completed and uploaded into the Commonwealth's eGrants system (www.esa.dced.state.pa.us) by 11:59 p.m. on Friday, June 23, 2023.

For assistance with the eGrants system, please contact the Pennsylvania Department of Community and Economic Development's Customer Service Center by phone at 800-379-7448 or by email at ra-dcedcs@pa.gov. For examples of the Growing Greener Plus Grants Program application forms, please click [here](#).

1. Short Title

Provide a short, descriptive title for the project. The title should be 10 words or less and clearly communicate the project type, such as "Orange Creek AMD Treatment System Construction" or "Muddy Run Stream Bank Stabilization Design and Permitting".

2. Project Description

Provide a brief, concise project description of no more than two sentences.

3. Applicant/Sponsor Information

Provide information for the project applicant or, if applicable, project sponsor. To be eligible, the applicant must meet one of the criteria listed below or the applicant must partner with a sponsor that meets one of the following criteria to act as grantee on the applicant's behalf. When a sponsor is used, the sponsor is the entity that enters into the grant agreement and is responsible for all aspects of the project, including payment for work performed. Provide the applicant organization/sponsor's legal entity name.

- Watershed organization that promotes local watershed conservation efforts (organization must be incorporated).
- County, including county planning commission, or municipality.
- County conservation district.
- Other authorized organization involved in research, restoration, rehabilitation, planning, acquisition, development, education, or other activities that further the protection, enhancement, conservation, preservation or enjoyment of Pennsylvania's environmental, conservation, recreation or similar resources. The organization must be:
 - A nonprofit, tax-exempt corporation under Section 501(c)(3) of the Internal Revenue Code and registered with the Pennsylvania Bureau of Charitable Organizations. If an applicant/sponsor is claiming an exemption from registering with the Bureau of Charitable Organizations, the applicant/sponsor must provide proof of such exemption with the application. Conservation commissions or foundations created by state or federal legislation or action are exempt from the incorporation requirement.
 - An educational institution.
 - A municipal authority.

4. Organization Type

Choose the organization type for the applicant/sponsor.

5. Project Location

Enter the latitude and longitude (in **decimal degrees**) in the center point of the project location, along with the county/counties and municipality/municipalities where the project is located. Select the appropriate DEP region or office. If the project location is statewide, enter "All" in the county field and leave the municipality blank. If the project location does not cover the entire state but does include a select watershed(s) or another regionally defined area, please identify all the counties in the area selected; no municipality identification is needed in this case.

A project location map, aerial maps, site maps and photos are required. For statewide projects, maps and photos are not required. For regional projects, the location map and aerial photo are required; however, a site map is not required if project spans a complete watershed or other defined project area.

Indicate latitude and longitude coordinates. Indicate the percentage of the project occurring in the Chesapeake Bay watershed. Projects whose entire watershed area included in the Chesapeake Bay watershed is less than 50% of the total will be considered non-Chesapeake Bay projects.

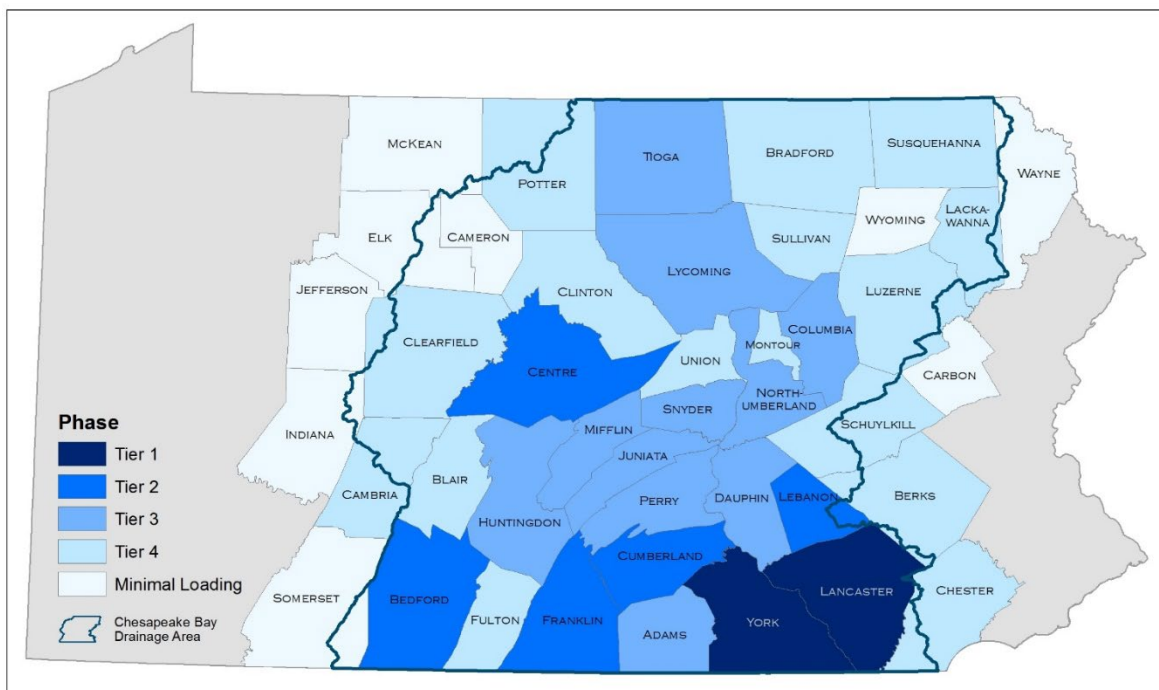
6. Project Type

Choose the appropriate box.

7. Tier Level (Chesapeake Bay Only)

If any portion of the proposed project is in the **Chesapeake Bay Watershed**, fill in the county tier level or select not applicable. Provide the percentage of the project that will occur within the Chesapeake Bay Watershed

County Tier Levels within Chesapeake Bay Watershed



Tier 1 – First 25% of Reductions	Tier 2 - Second 25% of Reductions	Tier 3 - Third 25% of Reductions		Tier 4 - Last 25% of Reductions		Minimal Loading Counties
Lancaster York	Franklin Lebanon Cumberland Centre Bedford	Northumberland Perry Snyder Adams Columbia Lycoming Dauphin	Juniata Huntingdon Tioga Mifflin	Bradford Schuylkill Union Chester Fulton Lackawanna Susquehanna Clinton	Berks Blair Clearfield Montour Cambria Potter Sullivan Luzerne	Somerset Wyoming Elk Indiana Cameron Wayne McKean Jefferson Carbon

8. Impairment Sources and Causes and Environmental Benefits

List the impairment source(s), cause(s) and reach code(s) for the receiving waters of your project. Use DEP's [2022 Integrated Water Quality Report](#) to obtain this information. Complete the measurable environmental benefits section, including estimated pollutant load reductions and reference the model.

If a HWI, Technical Assistance, Watershed Group Organization/Support, Education and Outreach or a statewide, regional, or countywide project, summarize the sources and causes of impairment (reach codes not needed).

9. Contacts

Please review the table on page 4 for project proposals for reducing nutrient and sediment nonpoint source pollution within the Chesapeake Bay Watershed. **Applicants in all counties must contact their [county conservation district](#)** to communicate about the proposed project. Applicants must contact the appropriate DEP staff prior to preparing the grant application (see pages 43 – 44) for contact information). DEP staff can provide technical assistance and administrative insight. Applicants should contact the appropriate DEP staff as soon as possible, but no later than Friday, June 2, 2023.

Grant Program	DEP Contact
Growing Greener	Regional Watershed Managers
Growing Greener (statewide or multiple regions)	Chesapeake Bay Office staff
SMCRA Bond Forfeiture	District Mining Office staff

10. Budget Summary

Using only whole numbers, such as \$110,505.00, complete the Task and Deliverable Budget Excel worksheet. Complete the budget summary on the application's budget tab with clear and concise information about the match sources. All significant deliverables need to have their own budget or task worksheet.

The [Task and Deliverable Budget Worksheet](#) is an Excel document, in the "Complete Forms" section, which includes a separate sheet for each project deliverable, match, and grand totals. The budget must be clearly defined with line-by-line category costs broken down **avoiding large lump sum**

estimates. A separate sheet must be completed for each project deliverable. Please see the Task and Deliverable Budget Worksheet example and *A Primer for Fitting Charges within Budget Categories* in the “[Look Over Examples](#)” section. Growing Greener funds from another project cannot be used as a match. Administrative costs are limited to five percent.

The dollar amounts for each of the categories in the budget summary must match those developed in the Task and Deliverable Budget Worksheet. Projects whose budgets do not match may not be considered for funding. When calculating mileage, be sure to round your projected miles travelled to a number that will result in a whole number. When calculating salaries/benefits, be sure to round your hourly rate to the nearest dollar to result in a whole number. Projects must be cost-efficient.

Growing Greener has a minimum 15% match requirement, but any additional match provided will improve the competitiveness of the application.

11. Prevailing Wage

If the grant project includes construction work where the total project cost is greater than \$25,000, the Act of 1961 (P.L. 987, No. 442), as amended, known as the Pennsylvania Prevailing Wage Act (43 P.S. §§ 165-1—165-17), may apply. Construction is defined to mean public work projects including construction, reconstruction, demolition, alteration and/or repair work other than maintenance work. It is the responsibility of the applicant or sponsor to contact the Pennsylvania Department of Labor and Industry, Bureau of Labor Law Compliance to determine [prevailing wage](#) eligibility.

12. Projects on Grantee-/Non-Grantee-Owned Lands

If the project is located on land that is or is not owned or controlled by the grantee, a Landowner Letter of Commitment (DEP document # 3320-FM-BWRNSM00023 for non-AMD projects; DEP document # 3320-FM-BWRNSM00024 for AMD projects), in “[Complete Forms](#)” section, is required to be submitted with the application for all design and/or construction and operation, maintenance and repair/replacement projects. Please note that for the Watershed Renaissance Initiative grants, the Landowner Letter of Commitment is encouraged, but not required. However, a signed Landowner-Grantee Agreement (DEP document # 3320-FM-BWRNSM00076) needs to be submitted prior to BMP construction.

For monitoring projects, the Landowner Access Authorization (DEP document # 3320-FM-BWRNSM00020) is required. If the grantee owns/controls the land, Grantee Landowner Conditions will be made part of the grant agreement. Both the Landowner-Grantee Agreement and Grantee Landowner Conditions will include an OM&R Plan identifying maintenance tasks and responsible parties ensuring that the conservation practice/BMP is properly maintained throughout the lifespan of the practice.

If the landowner is known at the time of application, the applicant must provide a Landowner Letter of Commitment (DEP document # 3320-FM-BWRNSM00023 for non-AMD projects; DEP document # 3320-FM-BWRNSM00024 for AMD projects) with the application. If an award is made, the grantee must submit the signed Landowner-Grantee Agreement (DEP document # 3320-FM-BWRNSM00076) prior to BMP construction.

If the landowner is not known at the time of application submittal, this should be identified by the applicant. If an award is made, the grantee must provide the executed Landowner-Grantee Agreement (DEP document # 3320-FM-BWRNSM0076) prior to BMP construction.

Work on lands owned by the Pennsylvania Department of Conservation and Natural Resources (DCNR) will require an Activities Agreement; the Activities Agreement serves in lieu of a Landowner-Grantee Agreement and must be submitted in accordance with submittal requirements described above.

13. Projects on State-Owned Lands

If the project is located on land owned or controlled by the Commonwealth of Pennsylvania (e.g., Bureau of Forestry, Bureau of State Parks, Pennsylvania Game Commission, Pennsylvania Fish and Boat Commission), the appropriate agency must be contacted for landowner consent and submit a Landowner Letter of Commitment (DEP document # 3320-FM-BWRNSM0023 for non-AMD projects; DEP document # 3320-FM-BWRNSM0024 for AMD projects), in the “Complete Forms” section, with the application.

DCNR Bureau of Forestry: Ryan Szuch – rszuch@pa.gov

DCNR Bureau of State Parks: Rachel Reese – rareese@pa.gov

Pennsylvania Game Commission: Jeff Painter – jepainter@pa.gov

Pennsylvania Fish and Boat Commission: Mackenzie Hogan – machogan@pa.gov

14. Sustainable Forestry

The Environmental Stewardship and Watershed Protection Act requires that no monies shall be used for any purpose that directly or indirectly precludes access to or use of any forested land for the practice of sustainable forestry and commercial production of timber or other forest products.

15. Land Use Planning

Grant applications are evaluated for consistency with the DEP Policy for Consideration of Comprehensive Plans and Zoning Ordinances in DEP Review of Grants and Funding for Facilities and Infrastructure (DEP document # 012-0200-002) under [Acts 67 and 68 of 2000](#). Grant applicants must complete and submit the appropriate form or letter(s) as identified in the Land Use Policy for projects involving Design and/or Construction, Technical Assistance or Developing a Watershed Plan (DEP document # 012-0200-004).

The Land Use Planning Form (DEP document #1000-FM-OA0081) and Multi-Municipal Planning Form (DEP document #012-0200-004). The [Land Use Planning and Multi-Municipal Planning Forms](#) are available in the “Complete Forms” section. Questions concerning project consistency with local land use regulations should be directed to the relevant county planning agency.

16. Commonwealth Investment Criteria

The Commonwealth has established criteria to promote sustainable development. Additional consideration will be given to projects that address the [Commonwealth Investment Criteria](#). Choose the “Yes” box and complete the table if the project will:

INCREASE JOB OPPORTUNITIES. Retain and attract a diverse, educated workforce through the quality of economic opportunity and quality of life offered in Pennsylvania's varied communities. Integrate educational and job training opportunities for workers of all ages

with the workforce needs of businesses. Invest in businesses that offer good paying, high quality jobs that are located near existing or planned water and sewer infrastructure, housing, existing workforce, and transportation access (highway or transit).

FOSTER SUSTAINABLE BUSINESSES. Strengthen natural resource-based businesses that use sustainable practices in energy production and use, agriculture, forestry, fisheries, recreation, and tourism. Increase our supply of renewable energy. Reduce consumption of water, energy, and materials to reduce foreign energy dependence will lead by example: support conservation strategies, clean power, and innovative industries. Construct and promote green buildings and infrastructure that use land, energy, water, and materials efficiently. Support economic development that increases or replenishes knowledge-based employment or builds on existing industry clusters.

Provide the number of anticipated new jobs created and the number of anticipated jobs that will be retained from the project in the appropriate box, if applicable.

17. Environmental Justice

Click on the list of [EJ areas](#) to determine if project is located in an EJ area.

18. Act 47 Financially Distressed Municipality Act

Click on the list of [financially distressed municipalities](#) to determine if project is located in an Act 47 municipality.

19. AMDTreat Output (AMD projects only)

A printed report from AMDTreat must be included in the proposed scope of work. The AMDTreat software is available to the public on the [Office of Surface Mining website](#).

For AMD Remediation Projects, the Western Pennsylvania Coalition for Abandoned Mine Reclamation (WPCAMR) or the Eastern Pennsylvania Coalition for Abandoned Mine Reclamation (EPCAMR) may be contacted for technical guidance. Coalition contacts are: WPCAMR, Andy McAllister at andy@wpcamr.org; EPCAMR, Robert Hughes at rhughes@epcamr.org.

20. Worker Protection and Investment Certification

A completed [Worker Protection and Investment Certification Form](#) must be uploaded into the online application as part of the Worker Protection and Investment Executive Order 2021-06.

21. Online Submittal

Within the Commonwealth eGrants system, complete the online application. Upload the Project Workplan with the Checklist for Application Completeness, Task and Deliverable Budget Worksheet with whole numbers only (Excel), project location or site maps and aerial or site photos. Additional uploads, depending on project, may include: AMDTreat output report, Chesapeake Bay Countywide Action Plan Project Category form, Landowner Access Authorization form, Landowner Letter of Commitment, Letters of Commitment or Support, Landowner-Grantee Agreement form, Land Use Planning form or Landowner Consent to Right of Entry for Study and Design of Mine Reclamation (construction and maintenance).

Growing Greener Project Workplan Instructions

Applicants must complete the Project Workplan (DEP document #3320-FM-BWRNSM0002) no more than more than 10 pages in length. The project workplan must be easy to understand, concise and complete with information included for each of the following components. Applicants should include bulleted lists and tables whenever possible. As appropriate, include other specific project type requirements with the Proposed Scope of Work as listed beginning on page 10 of this guide. Include a **“Not Applicable”** statement for appropriate sections.

- 1. Project Summary**—Briefly summarize the proposed project.
- 2. Environmental Need**—Describe in concise detail the environmental need:
 - a. Identify sources and causes of impairment listed on the 303(d) list of impaired waters based on the 2022 DEP Integrated Report.
 - b. TMDLs and alternative restoration plans.
 - c. Current baseline conditions.
 - d. Existing watershed restoration and/or protection plans or other community or regional efforts, such as Watershed Implementation Plans or Countywide Action Plans guiding implementation.
- 3. Funding Justification**—Explain why the project should be funded, including information that
 - a. Implements [Pennsylvania Nonpoint Source Management Plan \(2019 update\)](#) (DEP document #3700-BK-DEP4490; and local watershed initiatives.
 - b. Designs and permits BMP implementation projects as part of the Chesapeake Bay Phase 3 WIP Countywide Action Plans.
 - c. Addresses priorities, as listed beginning on page 6 of this guide.
 - d. Describes previous work performance with Growing Greener grants to continues success of past projects.
 - e. Supports the Pennsylvania 2021 [Climate Action Plan](#) by providing co-benefits, including, but not limited to: climate resiliency, carbon sequestration, floodplain management and reconnection, no-till farming, agricultural and stormwater BMPs, riparian forest buffer plantings and others.
- 4. Environmental Justice**—Will the project be implemented in an EJ Area or benefit a community located in an EJ Area? If so:
 - a. Describe the community and how the project will beneficially impact the environmental and/or public health of an underserved community. An underserved community refers to a community with environmental justice concerns and/or vulnerable populations, including minority, low income, rural, tribal, indigenous, and homeless populations that may be disproportionately impacted by environmental harms and risks.
 - b. Describe your organization’s history of community involvement where the grant will be implemented.
 - c. Describe how the grant would facilitate working with an underserved population and/or organization to address local watershed-related environmental and/or public health issues.
- 5. Partnerships and Match**
 - a. Describes coordination efforts with partners, such as municipalities and/or watershed organizations.
 - b. Describe each source of match (i.e., cash or in-kind services) provided by the individual, staff or contractor; these amounts must be itemized and listed on the Excel Task and

Deliverable Budget Worksheet. Describe the task to be performed and/or the item provided. Documentation of match should be provided as a letter from each source or, if not available, an explanation of why this documentation is not available and uploaded with the application materials.

For Growing Greener, a 15% match of the grant request is required. Eligible match contributions will be permitted for up to three years prior to the grant submittal deadline date through the life of the grant agreement if the eligible match expenditures are directly related to the project. Only cash and in-kind match funds already committed and reserved for the project can be included within the budget and deliverables worksheet. All applied for match dollars yet to be confirmed by the provider may be described in the project description section including an indication of their status for approval, understanding that these uncommitted match funds may not be authorized for inclusion when calculating the 15% match obligation. If the project is relying on applied for match funds to meet the 15% match obligation, indicate this in the budget summary section of the task and deliverables worksheet and provide documentation and justification in the application package.

Match contributions cannot include other DEP funding sources or DEP in-kind services, including laboratory analysis. If a grant is awarded, any match identified as “Applied For” in the application must be secured and a letter of commitment must be provided when the grant agreement is developed. A grant agreement will not be executed for projects with “Applied For” match or for projects where match cannot be appropriately documented at the time of grant agreement development, except when approved by the Grants Center.

6. Scope of Work

The narrative should address the items within each project type. Applicants need to:

- a. State the goal or purpose of project
- b. List the project’s expected environmental results and estimated pollutant load reductions. This includes baseline loadings, including how they were derived; and the loadings at the project’s conclusion to determine success. The scope of work must discuss how improvement will be measured (e.g., nitrogen load reduced, pH change expected, feet of impaired streambank restored, sediment load reduced). Predicted load reductions, along with the model used to generate the load reductions, need to be stated in this section. Recommended models include Model My Watershed and AMDTreat. Include AMDTreat output, if applicable.
- c. Monitoring. How the water quality improvement will be monitored.
- d. Describe the project deliverables. The deliverables should directly correspond to the activities on the Task and Deliverables Budget Worksheet. Include the type and amount of the various practices or activities planned to be implemented under the project in bulleted lists or tables.
- e. Provide a project implementation schedule/timeline for all significant tasks under the project, including a list of all parties involved with completing tasks.
- f. Describe the landowner’s interest/situation in the project, complete DEP’s Landowner Letter of Commitment (DEP document # 3320-FM-BWRNSM0023 for non-AMD projects; DEP document # 3320-FM-BWRNSM0024 for AMD projects) and submit it with the application materials.

- g. Describe any special approvals or permits needed to complete the project.
- h. Describe any long-term operation and maintenance activities to be carried out and funded. Provide a detailed plan that identifies the operational, maintenance and repair/replacement needs, responsible parties and established financial resources to the DEP project advisor before any reimbursable work is begun for all projects. Long-term project repair/replacement must also be addressed in the OM&R plan, including responsible parties, anticipated cost, and an estimated schedule for when repair and replacement is expected.
- i. Describe how property or equipment acquired with the grant will be disposed of or converted for continued use by the grantee.
- j. Include a disclosure of any potential conflicts of interest relating to personal financial gains from the proposed project's implementation.

7. Contractor Provisions

Identify contractor involvement, contracting procedures and construction inspection provisions. Describe the process that will be used for selecting contractors. Preference will be given to projects that use a competitive selection process, such as requests for proposals (RFP) and/or competitive bidding. The applicant will select the process, but the intent is to encourage the most cost-effective and efficient use of funding without mandating unnecessary requirements. Contractor involvement, contracting procedures and construction inspection provisions should be identified. Applicants choosing not to use a competitive selection process must provide adequate justification in the project description.

DEP encourages grant applicants and recipients to solicit and use small, diverse businesses as prime contractors and encourages all prime contractors to make a significant commitment to use small, diverse businesses as subcontractors and suppliers. For more information about the Pennsylvania Department of General Services' [Bureau of Diversity, Inclusion and Small Business Opportunities](#), visit www.dgs.pa.gov or email GS-BDISBO@pa.gov.

8. Project Data Submission

Describe project data that are expected to be collected during the project's implementation and how that data will be provided to DEP. Any GIS data or electronic databases produced from the grant must be identified and provided to DEP without restrictions by the conclusion of the project. Data collected in accordance with DEP standards outlined in the [Existing and Readily Available Information](#) document is preferred.

Grantees are required to submit data, information, and applicable project deliverables. All submittals must be done in accordance with DEP's *Guidance for Data Management*, which can be viewed at www.dep.pa.gov, Search: Growing Greener, click on "Help for Grant Recipients".

9. Photos and Maps

- a. Project location map – A map showing the location of the project site relative to a nearby population center.
- b. Project site map – A map(s) showing site level detail to include locations of proposed BMPs, receiving waters, existing civil and natural features, and any other useful information.

- c. Project site photo – Photo(s) of the existing site and aerial photo of site. Include photos of the existing conditions at the site(s). Additionally, include photos showing examples of similar improvement or remediation techniques to those being proposed.

Additional Attachments

One of the following forms may be required as an attachment to the application and are located in the “[Complete Forms](#)” section.

Landowner Authorization

Landowner Access Authorization (DEP document # 3320-FM-BWRNSM0020) (required if the project involves monitoring) – The applicant or sponsor organization shall obtain landowner authorization to access the property to perform the monitoring. This is the only signed form allowed; no substitutions are permitted.

Landowner Letter of Commitment (DEP document # 3320-FM-BWRNSM0023) (required if the project involves design and/or installation/replacement of a conservation practice/BMP) – A signed letter of commitment from the landowner(s) must be included in the application. If the project is located on land owned or controlled by the Commonwealth, contact the appropriate Commonwealth representative. This is the only signed form allowed; no substitutions are permitted.

Landowner Letter of Commitment (SMCRA) (DEP document # 3320-FM-BWRNSM0024) (required if the project involves design and/or construction on a bond forfeiture site) – A signed letter of commitment from the landowner must be provided with the application. This is the only signed form allowed; no substitutions are permitted.

Landowner-Grantee Agreement (DEP document # 3320-FM-BWRNSM0076) (required for construction projects and includes an OM&R plan for the lifespan of the BMP) - This is a legal agreement with the landowner to implement and maintain the project on their property. The grantee must provide the signed Landowner-Grantee Agreement prior to BMP construction. This is the only signed form allowed; no substitutions are permitted.

Confirmation of Application Sharing Within the Chesapeake Bay Watershed

Applicants proposing to implement BMPs to reduce nutrient and sediment loads in the Chesapeake Bay Watershed should send the proposed application to the appropriate point of contact (Countywide Action Team point of contact or the county conservation district watershed specialist in all other Chesapeake Bay counties) and request confirmation of receipt to include with the application. Please review the contact table on page 4. Items needed to confirm receipt include either a read receipt (if the application is sent via electronic mail) or a certified letter receipt (if the application is sent via mail).

Growing Greener Award Requirements

If Your Project Is Funded....

- A formal grant agreement will be developed by the DEP Grants Center that includes a scope of work, budget and terms and conditions.
- The period of performance for the grant award will commence with the date of the official announcement of the grant awards. The project must be completed within 3 years from the contract execution date.
- Reimbursement will only be for actual project costs authorized in the budget and scope of work and incurred within the grant period of performance.
- An application for reimbursement package must be submitted quarterly. This package will consist of an Application for Reimbursement (AFR), an Application for Reimbursement Supplemental Sheet (AFR-Supplemental), and a Work Progress Report (WPR) outlining the progress made throughout the quarter. The AFR package is required quarterly based upon the schedule below or more frequently if authorized by DEP. Even if no work was completed in the quarter, a WPR must be submitted. Failure to submit timely and complete reports and reimbursement requests may result in decreased competitiveness. The report submission schedule is as follows:

Quarter	Reporting Period	Submission Deadline (on or about)
1	January – March	April 15
2	April – June	July 15
3	July - September	October 15
4	October - December	January 15

- BMP verifications and reporting must be made to DEP once every five years or as stipulated in the contract documents to satisfy federally approved verification and reporting protocols for specified BMPs constructed in the Chesapeake Bay watershed. The verification and reporting requirement will begin with the project's completion and will be expected of grantees to ensure project integrity through its expected lifespan.
- All equipment purchases revert to the Commonwealth unless a written request for conversion is received and approved prior to approval of the final report.
- If the project involves design, construction, or OM&R and the grantee does not own or control the land where the project is to occur, a signed Landowner Grantee Agreement must be received and approved by DEP before BMP construction. If the grantee owns/controls the land, Grantee Landowner Conditions will be made part of the grant agreement. Both the Landowner Grantee Agreement and Grantee Landowner Conditions will include an OM&R Plan identifying maintenance tasks and responsible parties ensuring that the conservation practice/best management practice is properly maintained throughout the lifespan of the practice.
- If the landowner is known at the time of application, the applicant must provide a Landowner Letter of Commitment with the application. The signed Landowner Grantee Agreement must be received and approved by DEP prior to BMP construction. In some cases, the landowner may not be known at the time of application submittal (i.e. Renaissance Initiative Projects). In this scenario, the applicant must identify this in the application. If an award is made, the signed Landowner Grantee Agreement must be received and approved by DEP before BMP construction.

Work on lands owned by DCNR will require an Activities Agreement; the Activities Agreement serves in lieu of a Landowner Grantee Agreement and must be submitted in accordance with requirements described above.

- Any nutrient reduction credits realized from the Commonwealth-funded portion of the project and recognized by DEP are the property of the Commonwealth, which maintains full ownership thereof. The grantee recognizes and releases all rights, claims, title or ownership to the nutrient reduction credits that are generated by the Commonwealth-funded portion of the work specified in the grant agreement, for the time period covered by the Grantee Landowner Conditions or the Landowner Grantee Agreement as applicable.
- Any aquatic resource compensation credits, including but not limited to wetland, waterway, aquatic habitat, floodplain or riparian credits, realized from the Commonwealth-funded portion of the project, and recognized by DEP, are the property of the Commonwealth, which maintains full ownership thereof. The grantee recognizes and releases all rights, claims, title, or ownership to the aquatic resource compensation credits, in perpetuity, that are generated by the Commonwealth-funded portion of the work specified in the grant agreement.
- Any GIS data or electronic databases produced by the grant must be provided to DEP without restrictions in accordance with DEP's [Guidance for Data Management](#).
- Lab analysis done under the grant must be provided by a state-certified lab.
- For any construction of AMD passive treatment systems, grantees will be required to include with the final report one digital copy of the AMDTreat form, the OM&R Plan that includes the "As-Built" drawings and site schematics in PDF format along with any water quality information in Excel format.

Applicants or sponsors chosen for funding under the grant programs will be required to execute a formal grant agreement with DEP. The agreement will include a detailed scope of work, project schedule, budget, and other requirements.

Right-to-Know

DEP's amended [Public Access to Information and Right-to-Know Law Policy](#) (DEP document # 012-0200-005; clarifies the existing records management procedures of DEP to fulfill obligations under the Pennsylvania Right-to-Know Law as amended by Act 3 of 2008. The policy informs the public how to obtain DEP records. The policy can be viewed at www.dep.pa.gov, Search: Public Records and click on "Right-to-Know Law".

Data Management

Any GIS data or electronic databases produced as result of the grant must be provided to DEP without restrictions. Grantees also are required to submit data, information, and document deliverables in a format consistent with DEP's established funding program guidelines to support the tracking of program accomplishments. All submittals must be done in accordance with DEP's [Guidance for Data Management](#).

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PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION CONTACT INFORMATION

DEP Regional Watershed Managers

Northwest Regional Office
230 Chestnut St.
Meadville, PA 16335-3481
814-332-6139

jacmoore@pa.gov

Water Program Specialist
Jacob Moore

Northcentral Regional Office
208 W. Third St., Suite 101
Williamsport, PA 17701-6448
570-327-3593

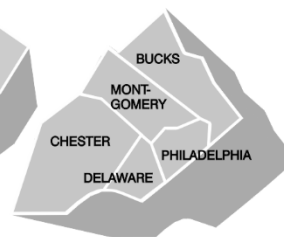
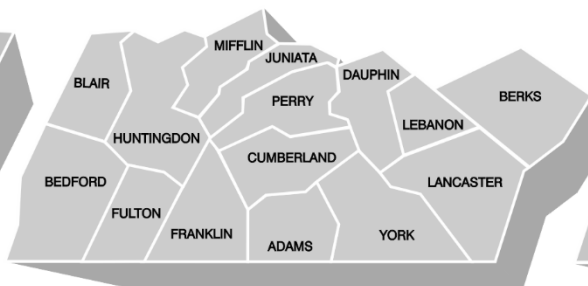
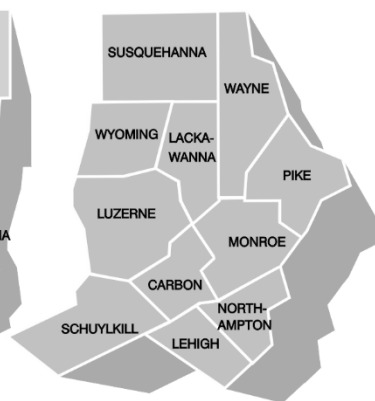
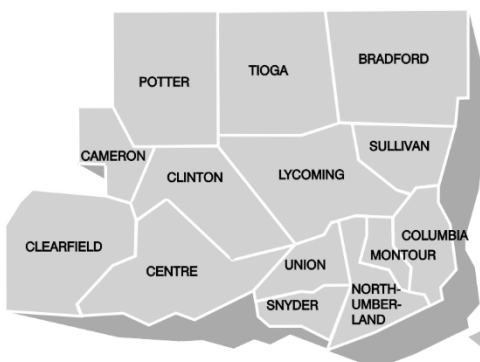
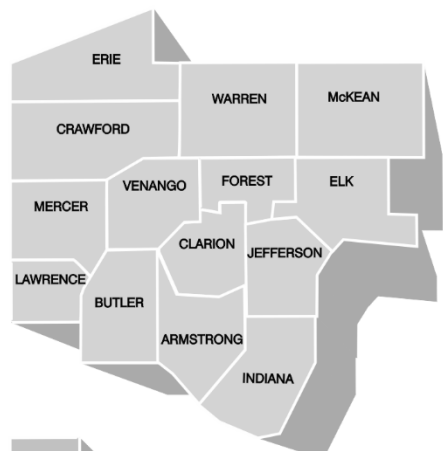
jfellow@pa.gov

Watershed Manager
Jason Fellow

Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18701-1915
570-826-5489

sinsalaco@pa.gov

Watershed Manager
Sandra Insalaco



Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745
412-442-4304

christinph@pa.gov

Watershed Manager
Christine Phillips

Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110-8200
717-772-5631

kbeats@pa.gov

Vacant - Watershed Manager
Kate Beats

Southeast Regional Office
2 East Main Street
Norristown, PA 19401
484-250-5822

daburke@pa.gov

Watershed Manager
David Burke

DEP Mining Staff

District Mining Offices

Pottsville District Mining Office (Contact, Dan Koury)

5 W. Laurel Blvd.
Pottsville, PA 17901-2522
570-621-3466
570-640-8879 (cell)
dkoury@pa.gov

Counties Served: Berks, Bucks, Carbon, Chester, Columbia, Dauphin, Delaware, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Monroe, Montgomery, Montour, Northampton, Northumberland, Pike, Philadelphia, Schuylkill, Susquehanna, Wayne, Wyoming and York

Moshannon District Mining Office (Contact, Aaron Pontzer)

186 Enterprise Drive
Phillipsburg, PA 16866
814-342-8200
814-923-9502 (cell)
apontzer@pa.gov

Counties Served: Bradford, Cameron, Centre, Clearfield, Clinton, Lycoming, Potter, Snyder, Sullivan, Tioga and Union,

Knox District Mining Office (Contact, Michelle L. Solida)

White Memorial Building, P.O. Box 669
Knox, PA 16232-0669
814-787-0891
814-227-8297 (cell)
msolida@pa.gov

Counties Served: Beaver, Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren

Cambria District Mining Office (Contact, DJ Chverchko)

286 Industrial Park Road
Ebensburg, PA 15931-4119
814-472-1890
814-242-6581 (cell)
dchverchko@pa.gov

Counties Served: Adams, Bedford, Blair, Cambria, Cumberland, Franklin, Fulton, Huntingdon, Indiana, Juniata, Mifflin, Perry, and Somerset

New Stanton District Mining Office (Contact, Jeff Parr)

131 Broadview Road
New Stanton, PA 15672
724-925-5542
724-396-8989 (cell)
jeparr@pa.gov

Counties Served: Allegheny, Armstrong, Fayette, Greene, Washington and Westmoreland

DEP Central Office

Statewide Projects

(Contact, Shane Kleiner)

DEP Bureau of Watershed Restoration and Nonpoint Source Management

ra-epgrowinggreener@pa.gov

**Pennsylvania Chesapeake Bay Phase 3 Watershed Implementation Plan Countywide
Action Plan / Community Clean Water Coordinator Contacts**

Ricky Whitmore	717-334-0636 X3053	rwhitmore@adamscountypa.gov	Adams
Mike LaSala	717-627-4440	mike@landstudies.com	Bedford Berks Chester Schuylkill
Erin Letavic	717-564-1121	eletavic@hrg-inc.com	Centre Cumberland Blair Huntingdon Fulton Dauphin Perry Juniata Mifflin Cambria Snyder Union
Caitlin Lucas	717-264-5499 x110	clucas@franklinccd.org	Franklin
Allyson Gibson	717-368-4831	agibson@LancasterCleanWaterPartners.com	Lancaster
Johanna Willieme	717-277-5275 X150	johanna.willieme@lccd.org	Lebanon
Rachel Stahlman	717-771-9870 X1763	rstahlman@ycpc.org	York
Joshua Glace	570-374-5700 X4011	jglace@larsondesigngroup.com	Lackawanna Luzerne Susquehanna Tioga Potter Bradford Clinton
Alexa Bixel	570-320-2136	abixel@lyco.org	Lycoming
Nathan Brophy	717-277-5275 x150	nbrophy@nccdpa.org	Northumberland
Sean Levan	570-271-1140	slevan@ptd.net	Montour
Nancy Corbin	570-317-9477	Nancy.corbin@columbiaccd.org	Columbia
Carrie Richmond	570-928-7057	chrchmond@sullivancounty-pa.us	Sullivan
Willie Null	814-765-2629	willien@clfdccd.com	Clearfield



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DEPARTMENT OF ENVIRONMENTAL
PROTECTION

3320-BK-DEP3193 Rev. 5/2023