

Clean Water Implementation Large Grant Specifics

Ranking Criteria (not in any specific order)

Applications that score above a certain level will be funded.

- Priority will be given to projects that have a 303d impaired stream on their property.
- For projects with streams on the property, priority will be given to those that are willing to install at least a 35-ft forest buffer.
- Priority will be given to projects that contribute to Lancaster County's collective effort for clean water based on the [Partners' Common Agenda](#).
- Priority will be given to projects that align the [Partners' Diversity, equity, Inclusion, and Justice \(DEIJ\) values](#).
- Priority will be given to projects with a higher restoration opportunity score provided by the [Collaborative Mapping Tool](#).
- Priority will be given to projects in Tier 1 and 2 catchments identified for the stream delisting strategy as shown on the [Collaborative Mapping Tool](#).
- Priority will be given to projects that are scheduled to be completed by the end of 2021. NOTE: Dollars are available for projects that go through March 1, 2023.
- Priority will be given to projects that collaborate with local partners, such as municipalities and local watershed associations.
- Priority will be given to projects that accomplish [Lancaster's CAP goals and address the Focus Areas called out in the CAP](#)
 - Agriculture – page 8
 - Stormwater – page 11
 - Riparian Buffers – page 15
 - Data Management – page 17
- Priority will be given to projects with demonstrated sustainability of the BMP and current land use. In other words, projects that can demonstrate that the BMP will be in place and functioning correctly for multiple years.
 - Example: The extreme weather of 2018 took out many young riparian buffers. This project will be located next to an established forest so not only does it strengthen the ecosystem services of the stream stretch, but it also has a buffer from future storm events such as those seen in 2018.
 - Example: The landowner's business is growing and is not directly impacted by severe changes in market trends. The BMP's this grant will fund will be in use for generations to come thanks to the landowner's succession plan.
- Priority will be given to projects with higher modeled Nitrogen, Phosphorus, and Sediment reductions associated with each BMP for the project.
- Priority will be given to projects with higher match included. NOTE: Match is not required for this grant.
- Priority will be given to applications that can bundle multiple projects (preferably contiguous properties) within a watershed or catchment into 1 application that they can bid for work all at once. The intention is to speed up bidding, permitting, and implementation as well as shrink administrative oversight of multiple projects.

- Priority will be given to projects that will not be able to happen without these dollars
- Priority will be given to projects with a reasonable and realistic request for funding
- Priority will be given to projects with a realistic and achievable maintenance plan
- Priority will be given to projects that implement any of the BMPs as outlined in the CAP (below).

Best Management Practice	Amount	Units of Measure	Goal for 2021
Agriculture Compliance			
Soil Conservation and Water Quality Plans	200,000	Total Acres	# of plans?
Nutrient Management Core N	150,000	Total Acres	
Nutrient Management Core P	150,000	Total Acres	
Barnyard Runoff Control	100	New Acres	
Soil Health			
Tillage Management-High Residue	110,000	Acres/Year	
Tillage Management-Conservation	80,000	Acres/Year	
Cover Crop Traditional	2,500	Acres/Year	
Cover Crop Traditional with Fall Nutrients	100,000	Acres/Year	
Cover Crop Commodity	11,000	Acres/Year	
Prescribed Grazing	10,000	Total Acres	
Expanded Nutrient Management			
Nutrient Management N Rate	6,661	Acres	
Nutrient Management P Rate	6,661	Acres	
Nutrient Management N Placement	6,661	Acres	
Nutrient Management P Placement	6,661	Acres	
Nutrient Management N Timing	6,661	Acres	
Nutrient Management P Timing	6,661	Acres	
Manure Storage and Management			
Manure Storage Facilities	100,000	New AU's	
Manure Incorporation	10,000	Acres	
Integrated System for Elimination of Excess			
Manure Transport out of Lancaster County	150,000	Dry Tons/Year	
Manure Treatment Technologies	20,000	Tons/Year	
Agriculture Riparian Zone			
Forest Buffers	4,500	New Acres	
Forest Buffers-Narrow	100	New Acres	
Grass Buffer-Streamside with Exclusion Fencing	2,500	New Acres	
Agriculture Land Use			
Land Retirement to Ag Open Space	500	Acres	

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The agriculture and stormwater BMP implementation rates provided above are based on a combination of the state recommendations identified in the Chesapeake Bay Phase 3 Watershed Implementation Plan (WIP) and the original Lancaster County WIP developed by the Lancaster Clean Water Partners (LCWP) and delivered in January 2019. The BMPs and rates will serve as a guide during the implementation phase and may be adjusted or changed based on new opportunities, success rates, and measured progress.

Lancaster County Stormwater Best Management Practices (BMPs)			
Proposed CAP Implementation Rates			
Best Management Practice	Amount	Units of Measure	Goal for 2021
Urban/Developed Areas Riparian Zone			
MS4 Riparian Forest Buffers	211.31	New Acres	
Non-MS4 Forest Buffers	1,500	New Acres	
Urban Tree Canopy			
MS4 Urban Tree Canopy	50	New Acres	
Stream and Wetland Restoration			
Urban Stream Restoration	29,146	New Linear Feet	
Non-urban Stream Restoration	63,900	New Linear Feet	
Wetland Restoration & Creation	52	Acres	
Control Measures for Illicit Discharges			
Advanced Grey Infrastructure IDD&E Control	23,772	Acres Treated	
Industrial Stormwater			
Impervious Surface Reduction	50	Acres	
Fertilizer Legislation			
Urban Nutrient Management	10,577	Acres	
Erosion and Sediment Control			
Erosion and Sediment Control Level 2	500	Acres	
Storm Drain Cleanout	29,610	Lbs. of sediment	
Dirt & Gravel Roads	158,000	Feet	

Street Sweeping			
Street Sweeping	155	Acres Treated	
Stormwater Control Measures			
Wet Ponds and Wetlands	290	Acres Treated	
Stormwater Performance Standard-Runoff Reduction	892.44	Acres Treated	
Stormwater Performance Stormwater Treatment	118.34	Acres Treated	
Bioretention/Raingardens	202	Acres Treated	
Bioswale	1,998.50	Acres Treated	
Vegetated Open Channels	384	Acres Treated	
Filtering Practices	610.1	Acres Treated	
Filter Strip Runoff Reduction	10	Acres Treated	
Dry Ponds	312	Acres Treated	
Infiltration Practices	70	Acres Treated	
Extended Dry Detention Basin	301.79	Acres Treated	
Infiltration Basin	18.6	Acres Treated	
Permeable Pavement	0.89	Acres Treated	
Hydrodynamic Structures	74.1	Acres Treated	
Septic Systems			
Septic Connections	3,000	Systems	
Septic System Pumpout	10,000	Systems	