

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
CLEAN WATER STATE REVOLVING FUND
FEDERAL FY2023 APPROPRIATION – PROJECT PRIORITY LIST
NON-POINT SOURCE AND STORMWATER PROJECT PRIORITY LIST
UPDATED FOR THE APRIL 19, 2023 PENNVEST BOARD MEETING**

EXPLANATION OF HEADINGS

NEEDS CATEGORY

- VB – COMBINED SEWER OVERFLOW (CSO) CORRECTION - GREEN INFRASTRUCTURE
- VIA – STORMWATER CONVEYANCE INFRASTRUCTURE
- VIB – STORMWATER TREATMENT SYSTEMS
- VIC – GREEN INFRASTRUCTURE
- VID – GENERAL STORMWATER MANAGEMENT
- VIIA – NPS CONTROL: AGRICULTURE (CROPLAND)
- VIIB – NPS CONTROL: AGRICULTURE (ANIMALS)
- VIIG – NPS CONTROL: RESOURCE EXTRACTION
- VIIH – NPS CONTROL: BROWNFIELDS
- VIIK – NPS CONTROL: HYDROMODIFICATION
- VIIIM – NPS CONTROL: OTHER ESTUARY MANAGEMENT ACTIVITIES
- VIII – CONFINED ANIMALS

PROJECT TYPE:

- UR – URBAN RUNOFF
- AG – AGRICULTURAL BMPS
- AMD – ABANDONED MINE DRAINAGE
- BF – BROWNFIELDS
- O – OTHER NPS
- SW – TRADITIONAL STORMWATER

PROJECT NUMBER:	PENNVEST PROJECT IDENTIFICATION #
LOAN #:	PENNVEST LOAN NUMBER OF FUNDED PROJECT
ELIG. COST	ESTIMATED NEEDS FOR ELIGIBLE PROJECT

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APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Lancaster County Conservation District - Josh Stoltzfus Manure Storage & Riparian Buffer	County: Lancaster	V-B	\$0	VII-B:	\$734,150	Project ID:	361521132301-CN	
	Region: SC	VI-A:	\$0	VII-G:	\$0	Type:	AG	
1383 Arcadia Rd	Loan #:	VI-B:	\$0	VII-H:	\$0	DEP Rating:	61	
Lancaster PA 17601		VI-C:	\$0	VII-K:	\$0	DEP Ranking	1 of 6	
		VI-D:	\$0	VII-M:		PV Rating:	66	
		VII-A:	\$0	VIII:				
				ELIG. COS	\$734,150			
Problem Description:	Manure storage capacity is limited to approximately 5-6 weeks, so a considerable amount of liquid manure is spread during the winter. Lack of stormwater runoff controls contributes to pollution from animal concentration areas.							
Project Description:	The project consists of a roofed heavy use area with under barn storage, a roofed concrete manure stacking structure, 50 linear feet of waste transfer pipe, a reinforced gravel access road, roof gutters and downspouts, a stabilized stream crossing, and a riparian buffer. The project will provide six months of manure storage and manage stormwater runoff							
Green Project:	Yes					Green Category:	Green Infrastructure	
						Green Funding:	\$734,150	

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APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Lancaster County Conservation District - Benuel Stoltzfus	County: Lancaster	V-B	\$0	VII-B:	\$683,500	Project ID:	361472102207-CN	
	Region: SC	VI-A:	\$0	VII-G:	\$0	Type:	AG	
1383 Arcadia Rd	Loan #: 72836	VI-B:	\$0	VII-H:	\$0	DEP Rating:	60	
Lancaster PA 17601		VI-C:	\$0	VII-K:	\$0	DEP Ranking	2 of 6	
		VI-D:	\$0	VII-M:	\$0	PV Rating:	65	
		VII-A:	\$0	VIII:	\$0			
				ELIG. COS	\$683,500			
Problem Description:	Manure storage capacity is limited to approximately 5 weeks, so a considerable amount of liquid manure is spread during the winter. Livestock have complete access to the stream while on pasture.							
Project Description:	The project consists of a 58' x 10' circular concrete manure storage tank, a 32'x96'x9' rectangular waste storage under a heavy use area, a 3,840 sq ft roofed heavy use area, 2 unloading pads totalling 400 sq ft, a 400 sq ft reinforced gravel apron, waste transfer pump, 850 linear feet of waste transfer pipe, 15' x 220' reinforced gravel access road, stream crossing, 12' x 150' animal walkway, 220' streambank fencing, and a watering facility							
Green Project:	Yes					Green Category:	Green Infrastructure	
						Green Funding:	\$683,500	

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APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Lancaster County Conservation District - Amos Esh	County: Lebanon	V-B	\$0	VII-B:	\$606,823	Project ID:	381566102205-CN	
	Region: SC	VI-A:	\$0	VII-G:	\$0	Type:	AG	
1383 Arcadia Rd	Loan #: 72835	VI-B:	\$0	VII-H:	\$0	DEP Rating:	59	
Lancaster PA 17601		VI-C:	\$0	VII-K:	\$0	DEP Ranking	3 of 6	
		VI-D:	\$0	VII-M:	\$0	PV Rating:	64	
		VII-A:	\$0	VIII:	\$0			
				ELIG. COS	\$606,823			
Problem Description:		The existing manure storage is undersized. There is an existing concrete barn yard adjacent to the tie-stall barn with no curbs to contain the manure and runoff that can flow directly into Owl Creek. Runoff from a small concrete lot is not collected, resulting in manure being washed from the site. An existing manure stacking structure does not have a roof to prevent rainwater from washing manure into the pasture.						
Project Description:		The project consists of a circular, concrete waste storage structure, a roofed, concrete Heavy Use Area, a roofed manure stacking structure, a cattle walkway with a stream crossing, a reinforced gravel access road, Roof gutters and roof water drains, a monoslope roof over the existing stacking structure, a reinforced gravel animal walkway, surface inlet with a steel grate and a storm water pipe. The project will provide six months of manure storage and control stormwater runoff.						
Green Project: Yes						Green Category:	Green Infrastructure	
						Green Funding:	\$606,823	

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OZFund, Inc. - Green Roof and Stormwater Infrastructure	County: Lancaster	V-B	\$0	VII-B:	\$0	Project ID:	361497132211-CF	
	Region: SC	VI-A:	\$0	VII-G:	\$0	Type:	SW	
800 South Queen Street	Loan #: 72839	VI-B:	\$0	VII-H:	\$0	DEP Rating:	37	
Lancaster PA 17603		VI-C:	\$1,823,693	VII-K:	\$0	DEP Ranking	4 of 6	
		VI-D:	\$0	VII-M:	\$0	PV Rating:	42	
		VII-A:	\$0	VIII:	\$0			
				ELIG. COS	\$1,823,693			
Problem Description:	Currently Stormwater from the site is uncontrolled and enters Lancaster City's combined sewer system which experiences Combined Sewer Overflows (CSOs) during heavy rain events.							
Project Description:	The project consists of a 6,012 square foot green roof, 2 underground infiltration basins totaling 7,139 square feet, 967 linear feet of stormwater conveyance, and 27 drainage structures. This project will manage the onsite stormwater and reduce the volume of stormwater entering Lancaster's combined sewer system.							
Green Project:	Yes					Green Category:	Green Infrastructure	
						Green Funding:	\$1,823,693	

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APPLICANT INFORMATION				NEEDS CATEGORIES			PROJECT INFORMATION		
Bethlehem Township Municipal Authority - Phase 1 Pollution Reduction Plan Project				County: Northampton	V-B	\$0	VII-B:	\$0	Project ID: 481930132210-CF
				Region: NE	VI-A:	\$0	VII-G:	\$0	Type: SW
3535 Orth Street				Loan #: 72838	VI-B:	\$0	VII-H:	\$0	DEP Rating: 32
Bethlehem	PA	18020		VI-C:	\$8,022,000	VII-K:	\$0	DEP Ranking	5 of 6
				VI-D:	\$0	VII-M:	\$0	PV Rating:	47
				VII-A:	\$0	VIII:	\$0		
						ELIG. COS	\$8,022,000		
Problem Description:		Uncontrolled stormwater contributes to sediment and nutrient pollution. Bethlehem Township's MS4 permit requires the Township to meet certain pollution reduction requirements by April 2024.							
Project Description:		The project consists of basin retrofits at four existing basins throughout the township. Retrofitting the basins will allow for greater stormwater retention and for pollutants to be reduced through the infiltration process							
Green Project:		Yes			Green Category:		Green Infrastructure		
				Green Funding:		\$8,022,000			

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Somerset Co Conservation District - Joe Walker	County:	Somerset	V-B	\$0	VII-B:	\$936,681	Project ID:	562216132301-CN
	Region:	SW	VI-A:	\$0	VII-G:	\$0	Type:	AG
6024 Glades Pike, Suite 103 Somerset PA 15501	Loan #:		VI-B:	\$0	VII-H:	\$0	DEP Rating:	28
			VI-C:	\$0	VII-K:	\$0	DEP Ranking	6 of 6
			VI-D:	\$0	VII-M:	\$0	PV Rating:	33
			VII-A:	\$0	VIII:	\$0		
					ELIG. COS	\$936,681		
Problem Description:	Limited liquid manure storage capacity has occasionally resulted in overflows from the existing storage structure, and there are no solid manure stacking facilities, so solid manure is land applied daily. The limited manure storage duration results in manure being spread when field conditions or presence of crops make the ground unsuitable for spreading. Runoff from the fields receiving manure and from the existing manure storage location flows toward an unnamed tributary to Blue Lick Creek.							
Project Description:	The project consists of a circular concrete manure storage tank, manure transfer line, a roofed heavy use area and manure stacking area, stabilization and resurfacing of a silage storage pad and field lanes, diversions, waterways, and culverts. The project will provide six months of manure storage and eliminate manure spreading at unsuitable times.							
Green Project:	Yes					Green Category:	Green Infrastructure	
						Green Funding:	\$936,681	