

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEDERAL FY 2015
NON-POINT SOURCE PROJECT PRIORITY LIST
April 20, 2016**

EXPLANATION OF HEADINGS

NEEDS CATEGORY

- VA - COMBINED SEWER OVERFLOW CORRECTION - TRADITIONAL INFRASTRUCTURE
- VB - COMBINED SEWER OVERFLOW CORRECTION - GREEN INFRASTRUCTURE
- VIA – STORMWATER CONVEYANCE INFRASTRUCTURE
- VIB – STORMWATER TREATMENT SYSTEMS
- VIC – GREEN INFRASTRUCTURE
- VIIA – NPS CONTROL: AGRICULTURE (CROPLAND)
- VIIB – NPS CONTROL: AGRICULTURE (ANIMALS)
- VIIG – NPS CONTROL: RESOURCE EXTRACTION
- VIIH – NPS CONTROL: BROWNFIELDS
- VIIK – NPS CONTROL: HYDROMODIFICATION
- VIII – CONFINED ANIMALS (POINT SOURCE)VIB – STORMWATER TREATMENT SYSTEMS

PROJECT TYPE:

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

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

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION				NEEDS CATEGORIES				PROJECT INFORMATION	
Elmer P. King		County:	Lancaster	V-A	\$0	VII-A:	\$0	Project ID:	36009031508-CN
225 Hollow Road		Region:	SC	V-B:	\$0	VII-B:	\$385,490	Type:	AG
Quarryville	PA 17566			VI-A:	\$0	VII-G:	\$0	DEP Rating:	81
				VI-B:	\$0	VII-H:	\$0	DEP Ranking	1 of 13
				VI-C:	\$0	VIII:	\$0	PV Rating:	86
						ELIG. COS	\$385,490		
Problem Description:		Uncontrolled runoff from the existing concrete cattle lot and the manure spreader area. Roof gutters that are in poor condition and surface water both contribute to the runoff from the high concentration areas. There is no manure storage available and th							
Project Description:		28x48 dry cow compost facility, 38x48 roof structure, 10x63 manure storage, 8x10x8 reception pit, 24x32 roofed stacking structure, 50' buffer and related BMPs							
Green Project:	Yes							Green Category:	Green Infrastructure
							Green Funding:	\$385,490	

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Chester County Conservation District	County:	York	V-A	\$0	VII-A:	\$0	Project ID:	67096021505-CN
688 Unionville Road, Suite 2	Region:	SC	V-B:	\$0	VII-B:	\$609,128	Type:	AG
Kennett Square PA 19348			VI-A:	\$0	VII-G:	\$0	DEP Rating:	77
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	2 of 13
			VI-C:	\$0	VIII:	\$0	PV Rating:	82
					ELIG. COS	\$609,128		
Problem Description:		The existing manure storage only stores a few weeks of manure, resulting in manure being spread on frozen ground and when the manure cannot be utilized by the crops. It also shows signs of leakage. The dairy herd can access an existing concrete lot below						
Project Description:		A 10' x 70' circular concrete manure storage facility, a manure pump, underground manure transfer line, and rectangular storage and roofed compost areas. Concrete retaining walls will be installed on the lower side of the HUA area. Additional supporting						
Green Project:	Yes					Green Category:	Green Infrastructure	
						Green Funding:	\$609,128	

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION				NEEDS CATEGORIES				PROJECT INFORMATION	
Chester County Conservation District	County:	Lancaster	V-A	\$0	VII-A:	\$0	Project ID:	36183041505-CN	
688 Unionville Road, Suite 2	Region:	SC	V-B:	\$0	VII-B:	\$229,380	Type:	AG	
Kennett Square PA 19348			VI-A:	\$0	VII-G:	\$0	DEP Rating:	67	
			VI-B:	\$0	VII-H:	\$0	DEP Ranking:	3 of 13	
			VI-C:	\$0	VIII:	\$0	PV Rating:	72	
					ELIG. COS	\$229,380			
<p>Problem Description: David king currently has a concrete barnyard without curbing that slopes directly to a stream that is approximately 150' away. The cows have unlimited access to the stream as well. The existing manure storage is for a few weeks and the landowner applies d</p> <p>Project Description: The project will involve a new circular concrete manure storage at the bottom of a new concrete lot that all waste will flow to. The lot will be sloped to this storage. All upslope storm water and surface water will be diverted around and collected in sub</p>									
Green Project: Yes				Green Category: Green Infrastructure					
				Green Funding: \$229,380					

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Berwick Area Joint Sewer Authority 1108 Freas Ave Berwick	County: Columbia Region: NC PA 18603	V-A \$2,902,788 V-B: \$0 VI-A: \$0 VI-B: \$0 VI-C: \$0	VII-A: \$0 VII-B: \$0 VII-G: \$0 VII-H: \$0 VIII: \$0 ELIG. COS \$2,902,788			Project ID: 19012051504-CN Type: SW DEP Rating: 66 DEP Ranking: 4 of 13 PV Rating: 96		
Problem Description:			combined storm water/sanitary sewer system which, at present, during storm water rain fall events contribute untreated sewage directly to the North Branch of the Susquehanna River via the existing Combined Sewage Overflow (CSO) points located at the Susqu					
Project Description:			Approximately 11,000 LF of storm water piping, consisting of 12", 15", 18", 24" and 36" reinforced concrete pipe, 45 manholes and 71 Type M inlets will be installed during the construction of the project, as well as paving the entire width of the cartways					
Green Project: No			Green Category: N/A			Green Funding: \$0		

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Borough of Norwood	County:	Delaware	V-A	\$0	VII-A:	\$0	Project ID:	23093021505-CN
10 West Cleveland Avenue	Region:	SE	V-B:	\$0	VII-B:	\$0	Type:	SW
Norwood PA 19074			VI-A:	\$1,358,000	VII-G:	\$0	DEP Rating:	64
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	5 of 13
			VI-C:	\$0	VIII:	\$0	PV Rating:	79
					ELIG. COS	\$1,358,000		
Problem Description:		The project intent is to resolve flooding issues, scouring and erosion issues and safety concerns within three areas of the Borough. There are insufficient numbers of inlets and piping to control the overland flow of stormwater. Overland flow has caused						
Project Description:		The project proposes a collection system to intercept overland stormwater. The system consists of inlets and piping(NRCS Practice Code 570) as well as a vegetative grass swale at the outfalls to minimize sedimentation(NRCS Practice Code 342) in three ar						
Green Project:	No						Green Category:	N/A
							Green Funding:	\$0

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION				NEEDS CATEGORIES			PROJECT INFORMATION	
Keystone Anthracite Co. Inc.	County:	Schuylkill	V-A	\$0	VII-A:	\$0	Project ID:	54201051504-CN
259 Second Street	Region:	NE	V-B:	\$0	VII-B:	\$0	Type:	AMD
Girardville PA 17935			VI-A:	\$0	VII-G:	\$3,620,736	DEP Rating:	62
			VI-B:	\$0	VII-H:	\$0	DEP Ranking:	6 of 13
			VI-C:	\$0	VIII:	\$0	PV Rating:	72
					ELIG. COS	\$3,620,736		
Problem Description:		The Weston Tunnel discharge is a low pH, moderately high aluminum concentration flow of 1500 to 2000 GPM that ultimately enters the Packer 5 mine pool and then discharges into Mahanoy Creek - a significantly polluted stream						
Project Description:		The proposed drainable limestone bed system will treat, on average, 1,922 GPM of mine discharge currently exhibiting a pH of 4 and an aluminum concentration of 6 mg/L (resulting in a median loading of 91 lbs/day). The end product will be slightly alkaline						
Green Project:	Yes					Green Category:	Green Infrastructure	
						Green Funding:	\$3,620,736	

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION				NEEDS CATEGORIES			PROJECT INFORMATION	
Chester County Conservation District	County:	Lancaster	V-A	\$0	VII-A:	\$0	Project ID:	36024021510-CN
688 Unionville Road, Suite 2	Region:	SC	V-B:	\$0	VII-B:	\$314,550	Type:	AG
Kennett Square PA 19348			VI-A:	\$0	VII-G:	\$0	DEP Rating:	53
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	7 of 13
			VI-C:	\$0	VIII:	\$0	PV Rating:	58
					ELIG. COS	\$314,550		
<p>Problem Description: Lack of adequate manure storage and heavily used cattle lots with uncontrolled runoff. The runoff enters the pasture upslope of an unnamed tributary to Coopers Run. There is currently about only 1 month of manure storage.</p> <p>Project Description: 38' x 60' Heifer compost facility, 12' x 52' Manure storage, 10'x 60' x 6' reception pit, 8' x 20' x 10' reception pit, 12' x 60' cattle walkways, reinforced gravel access road at manure storage, and concrete heavy use areas</p>								
Green Project: Yes				Green Category: Green Infrastructure				
				Green Funding: \$314,550				

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Armstrong County Conservation Dist	County:	Clarion	V-A	\$0	VII-A:	\$0	Project ID:	03072041510-CN	
124 Armsdale Road, Suite B-2	Region:	NW	V-B:	\$0	VII-B:	\$0	Type:	UR	
Kittanning PA 16201			VI-A:	\$108,909	VII-G:	\$0	DEP Rating:	46	
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	8 of 13	
			VI-C:	\$444,091	VIII:	\$0	PV Rating:	51	
					ELIG. COS	\$761,400			
Problem Description:			Existing stormwater conveyance channels and stormwater cross culverts are silted shut which has restricted the hydraulic carrying capacity of the channels and culverts. The lack of capacity is causing stormwater to overtop the channels, sending stormwater						
Project Description:			Infiltration trenches (Stormwater Runoff Control NRCS Code 570), vegetated swales (Open Channels NRCS Code 582), riparian buffer restoration (Riparian Forest Buffer NRCS 391), streambank and shoreline protection (Streambank and Shoreline Protection NRCS 5						
Green Project:	Yes						Green Category:	Green Infrastructure	
							Green Funding:	\$444,091	

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION	
Borough of Courtdale	County:	Luzerne	V-A	\$0	VII-A:	\$0	Project ID:	40027021601-CN
5 Blackman Street	Region:	NE	V-B:	\$0	VII-B:	\$0	Type:	SW
Courtdale	PA	18704	VI-A:	\$1,578,325	VII-G:	\$0	DEP Rating:	38
			VI-B:	\$0	VII-H:	\$0	DEP Ranking:	9 of 13
			VI-C:	\$236,675	VIII:	\$0	PV Rating:	48
					ELIG. COS	\$1,815,000		
Problem Description:	The Borough of Courtdale is plagued with flooding issues and road washout during high intensity storm events.							
Project Description:	The proposed project includes approximately 10,030 LF of grass swales, installation of 20 inlets, 12 concrete headwalls, 7 energy disipaters, installation of approximately 2,605 LF of pipe, 1,686 SY of pavement patching, 1,380 SY of grass restoration, cl							
Green Project:	Yes						Green Category:	Green Infrastructure
							Green Funding:	\$236,675

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEDERAL FY 2015
NON-POINT SOURCE PRIORITY LIST
April 20, 2016

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
Temple University of the Commonwe	County:	Philadelphia	V-A	\$0	VII-A:	\$0	Project ID:	51001071512-CN	
1801 North Broad Street	Region:	SE	V-B:	\$6,747,933	VII-B:	\$0	Type:	SW	
Philadelphia	PA	19112	VI-A:	\$0	VII-G:	\$0	DEP Rating:	34	
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	10 of 13	
			VI-C:	\$0	VIII:	\$0	PV Rating:	39	
					ELIG. COS	\$6,747,933			
Problem Description:	Stormwater runoff entering a combined sewer system contributing to CSOs								
Project Description:	2 Infiltration Basins, 25,000 gallon Rainwater Harvesting Cistern, Silva Cells w/ Landscaping, 8,10,12, and 18 inch stormwater piping, Trench Drains , Storm Manholes, Yard Drains, Overflow Drains, green roof assembly, green roof landscaping and porous pav								
Green Project:	Yes						Green Category:	Green Infrastructure	
							Green Funding:	\$6,747,933	

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEDERAL FY 2015
NON-POINT SOURCE PRIORITY LIST
April 20, 2016

APPLICANT INFORMATION			NEEDS CATEGORIES				PROJECT INFORMATION		
TKMG Associates, LP	County:	Philadelphia	V-A	\$0	VII-A:	\$0	Project ID:	51000021408-CN	
120 East Lancaster Ave	Region:	SE	V-B:	\$0	VII-B:	\$0	Type:	UR	
Philadelphia PA 19003			VI-A:	\$0	VII-G:	\$0	DEP Rating:	25	
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	11 of 13	
			VI-C:	\$2,594,650	VIII:	\$0	PV Rating:	35	
					ELIG. COS	\$2,594,650			
Problem Description:		water main break caused permanent damage to an existing stormwater basin							
Project Description:		repair and reconstruct the existing stormwater basin							
Green Project: Yes						Green Category: Green Infrastructure			
						Green Funding: \$2,594,650			

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION				NEEDS CATEGORIES			PROJECT INFORMATION		
Everett Borough	County:	Bedford	V-A	\$0	VII-A:	\$0	Project ID:	05030021601-CN	
100 Mechanic Street	Region:	SC	V-B:	\$0	VII-B:	\$0	Type:	UR	
Everett	PA 15537		VI-A:	\$633,618	VII-G:	\$0	DEP Rating:	20	
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	12 of 13	
			VI-C:	\$287,077	VIII:	\$0	PV Rating:	40	
					ELIG. COS	\$920,395			
Problem Description:		Insufficient pond capacities and inadequate storm pipe conveyance system size/deterioration is contributing to erosion/sedimentation issues in the Raystown Branch of the Juanita River and contributing to some flooding							
Project Description:		Sediment removal, retention pond restoration, culvert replacement and relocation							
Green Project: Yes							Green Category:	Green Infrastructure	
							Green Funding:	\$287,077	

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 FEDERAL FY 2015
 NON-POINT SOURCE PRIORITY LIST
 April 20, 2016**

APPLICANT INFORMATION				NEEDS CATEGORIES			PROJECT INFORMATION	
Lancaster Township	County:	Butler	V-A	\$0	VII-A:	\$0	Project ID:	10099021505-CN
113 Kings Alley	Region:	NW	V-B:	\$0	VII-B:	\$0	Type:	SW
Harmony PA 16037			VI-A:	\$565,000	VII-G:	\$0	DEP Rating:	9
			VI-B:	\$0	VII-H:	\$0	DEP Ranking	13 of 13
			VI-C:	\$0	VIII:	\$0	PV Rating:	14
					ELIG. COS	\$565,000		
Problem Description:		During rain events, stormwater along the roadway exceeds the ditches, and causes dirt. Gravel and debris to enter onto the roadway. Portions of the roadway are rather steep, causing greater concerns in the winter with freezing. This debris causes pollutio						
Project Description:		The Township proposes to construct approximately 2,400 LF of storm sewers along Scott Ridge Road.						
Green Project:	No					Green Category:	N/A	
						Green Funding:	\$0	