

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 CLEAN WATER STATE REVOLVING FUND
 FY 2009 AND FY 2010 PROJECT PRIORITY LIST**

APPLICANT INFORMATION			NEEDS				PROJECT
Delano Township Board of Supervisors P.O. Box 103 Delano, PA 18220	COUNTY: Schuylkill REGION: NE NPDES:	I: \$0 II: \$0 III: \$0 \$0	IV: \$2,319,681 IVB: \$740,218 V: \$0 ELIG. \$3,059,899	PROJECT NO.: CS422643-01 PROJ. TYPE: PS FM INT SS PROJECT RATING: 46 PROJECT RANKING: 1 of 80			
PROB	Wildcat sewers, malfunctioning onlot systems and failing pump stations exist in the Village of Delano, the Village of Quakake and the MAJIC Industrial Park. Environmental benefits include reducing insufficiently treated sewage sent to the Township's waterways.						
PROJ	Install 12,000 LF of gravity line, 5200 LF of force main and a 61,500 gpd pump station						
Washington Twp MA - Sewage Treatment Plant Upgrade 11800 Edinboro Road Edinboro, PA 16412	COUNTY: Erie REGION: NW NPDES:	I: \$5,728,267 II: \$0 III: \$0 \$0	IV: \$0 IVB: \$953,158 V: \$0 ELIG. \$6,681,425	PROJECT NO.: CS422678-01 PROJ. TYPE: STPMOD PS INT PROJECT RATING: 46 PROJECT RANKING: 2 of 80			
PROB	Washington Township's Angling Road Sewage Treatment Plant has been hydraulically overloaded. Project benefits include eliminating the discharge of untreated sewage into Unnamed tributary to Edinboro Lake, Unnamed tributary to Conneauttee Creek, and Boles Run during wet weather.						
PROJ	Provide regional sewage service by upgrading the Boro of Edinboro WWTP from 1.2 MGD to 1.8 MGD. Wastewater from the Township will be conveyed through a new 4,545 foot 12 inch force main and 7,600 foot 15 inch gravity interceptor.						
Pine Township Sanitary Sewer Project 327 Clay Avenue Templeton, PA 16259	COUNTY: Armstrong REGION: SW NPDES:	I: \$1,890,000 II: \$0 III: \$0 \$0	IV: \$2,436,333 IVB: \$1,000,000 V: \$5,326,000 ELIG. \$10,652,333	PROJECT NO.: CS422622-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 44 PROJECT RANKING: 3 of 80			
PROB	Templeton is served by a wildcat sewer system discharging untreated sewage to the Allegheny River. Environmental benefits include eliminating the discharge of untreated sewage to the Township's waterways.						
PROJ	The project will include the installation of 19,300 lf of sanitary sewers, 2 pump stations, 5000 lf of force main and a 60,000 gallons per day treatment plant.						

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APPLICANT INFORMATION			NEEDS				PROJECT	
California Borough - Sewer System Upgrade and Expansion Project - Phase 1 225 Third Street California, PA 15419	COUNTY: Washington REGION: SW NPDES: PA0022241	I: II: III A:	\$0 \$0 \$0	IVA: \$2,736,070 IVB: \$4,155,000 V: \$0 ELIG: \$6,891,070	PROJECT NO.: CS422626-01 PROJ. TYPE: SS PS INT PROJECT RATING: 43 PROJECT RANKING: 4 of 80			
PROB	Several areas of the Borough are currently unsewered and are discharging untreated and partially treated sewage into Pike Run. It is proposed to collect the sewage and convey it for treatment at the Borough's STP (NPDES Permit No.PA0022241). Environmental benefits include eliminating wildcat sewer / malfunctioning onlot disposal systems discharge to the waters of the Commonwealth.							
PROJ	Construction of a new Central Pump Station and the rehabilitation of 848 lf of 24" diameter interceptor and 700 lf of force main. Also, installation of 16,075 lf of 8" to 15" sanitary sewers.							
Columbus Township General Authority P. O. Box 274 Columbus, PA 16407	COUNTY: Warren REGION: NW NPDES:	I: II: III A:	\$0 \$0 \$0	IVA: \$256,050 IVB: \$0 V: \$0 ELIG: \$256,050	PROJECT NO.: CS422688-01 PROJ. TYPE: SS PS PROJECT RATING: 43 PROJECT RANKING: 5 of 80			
PROB	The project has a confirmed onlot malfunction rate of 55% for the 29 dwellings. Environmental benefits include improved surface water quality associated with malfunctioning on-lot systems.							
PROJ	Install 4,334 LF of sewer conveyance line and one pump station							

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APPLICANT INFORMATION			NEEDS				PROJECT
Metal Township Municipal Authority - West Main Street Sewer Extension (Phase P.O. Box 332 Willow Hill, PA 17236	COUNTY: Franklin REGION: SC NPDES:	I: II: III A:	\$0 \$0 \$0 \$0	IV A: \$700,000 IV B: \$0 V: \$0 ELIG: \$700,000	PROJECT NO.: CS422683-01 PROJ. TYPE: SS PROJECT RATING: 41 PROJECT RANKING: 6 of 80		
PROB	The area wells are contain ecoli and fecal matter from the failing on-lot sewer systems. Project benefits include improving the quality of drinking water to homes which are served by private water wells; positive impact to ground water supply in general by stopping malfunctioning septic system discharge; eliminating untreated sewage discharge in the West Branch Conococheague.						
PROJ	Install 7,500 ft gravity & low pressure sewer line to serve 24 homes & 1 business (29 EDU's)						
Jackson / East Taylor SA - Jackson Township Wastewater Extension 2603 William Penn Avenue Johnstown, PA 15909	COUNTY: Cambria REGION: SW NPDES:	I: II: III A:	\$0 \$0 \$0 \$0	IV A: \$3,849,000 IV B: \$531,000 V: \$0 ELIG: \$4,380,000	PROJECT NO.: CS422681-01 PROJ. TYPE: SS PS PROJECT RATING: 40 PROJECT RANKING: 7 of 80		
PROB	A survey conducted by the Cambria Co. Sewage Enforcement Agency identified a 58% on-lot malfunction rate. Project will eliminate malfunctioning on-lot systems that are discharging to Saltlick Run and Hinckston Run.						
PROJ	The project will be divided into two distinct project areas: one serving the Brazil Lane area and a second serving Adams Street and Leidy Lane. The Brazil Lane extension will include approximately 16,500 linear feet of gravity collection main. The Adams Street/Leidy Lane extension will include approximately 25,000 linear feet of gravity main, 600 feet of pressure sewer with grinder pumps, 2,500 feet of force main and two wastewater pump stations. Each pump station will be sized to handle the projected peak instantaneous flows, along with 20% growth.						

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APPLICANT INFORMATION			NEEDS				PROJECT	
Foster Township - Wastewater Collection & Conveyance to FMA P.O. Box 465 Freeland, PA 18224	COUNTY:	Luzerne	I:	\$0	IVA:	\$7,007,764	PROJECT NO.:	CS422655-01
	REGION:	NE	II:	\$0	IVB:	\$875,484	PROJ. TYPE:	SS PS INT
	NPDES:		IIIA:	\$0	V:	\$0	PROJECT RATING:	40
				\$0	ELIG:	\$7,883,248	PROJECT RANKING:	8 of 80
PROB	The Woodside area is serviced 100% by wildcat sewers. The Youngstown and Highland areas are serviced by wildcat sewers and antiquated on-lot systems, consisting of lateral pipes from the homes, to either a septic tank or a holding tank. The Upper Lehigh area is serviced by 100% on-lot sewage disposal systems. Because of the lack of lot size, there is only one known absorption or drain field. In most cases, the holding or septic tanks have outlet pipes that either discharge to road ditches, wildcat lines, or to lower properties by sheet flow. In estimating the extent of pollution, 24% of the planning area is serviced by antiquated on-lot septic systems of which approximately 75% are substandard with the majority located in Highland and Upper Lehigh. The existing system within Sub-Area 5 was installed in the 1930's with terra-cotta pipe. Through televising the lines, severe cracks, sags, busted pipes and this led led to inflow/infiltration problems. Replacing these lines will alleviate the I/I and overloads and the installation of a collection and conveyance system for the other four ares will remove any public health and safety problems the wildcat or on-lot system pose.							
PROJ	This project involves the construction of a new sanitary system that will consist of approximately the following: 14,000 ft of 6" laterals, 33,000 ft of 8", 3,400 ft of 10", and 2,500 ft of 12" gravity sewer lines, 7,900 feet of force main, 190 pre-cast sewer manholes, 4 pump stations, and 550 lateral connections. In addition, this project consists of the replacing sanitary sewers located within Sub-Area 5(246 EDU's as designated by DEP and Freeland Borough), and installing a new collection and conveyance system for the Villages of Highland (85 EDU's), Youngstown (43 EDU's), Upper Lehigh (83 EDU's), and Woodside District(231 EDU's - 93 single family homes + 138 EDU's from various businesses) of Foster Township. The sewer system will initially serve 688 EDU's. With future development of vacant lots, there is a potential to serve 750 EDU's with the new system.							
Milford Twp. Sanitary Sewers & Pump RR 3, Box 675 Mifflintown, PA 17059	COUNTY:	Juniata	I:	\$0	IVA:	\$2,110,000	PROJECT NO.:	CS422363-02
	REGION:	SC	II:	\$0	IVB:	\$0	PROJ. TYPE:	SS PS
	NPDES:		IIIA:	\$0	V:	\$0	PROJECT RATING:	39
				\$0	ELIG:	\$2,110,000	PROJECT RANKING:	9 of 80
PROB	Construction - 50 percent on-lot system failures and well contamination							
PROJ	Install 19.500 LF of gravity sewers, 1000 LF of force main and 2 pumping stations, conveyed to Twin Boro's WWTP							

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APPLICANT INFORMATION	NEEDS	PROJECT
Strausstown Borough 101 Main Street, P.O. Box 269 Strausstown, PA 19559	COUNTY: Berks REGION: SC NPDES:	I: \$471,600 II: \$0 IIIA: \$0 \$0 IVA: \$1,400,000 IVB: \$650,000 V: \$0 ELIG. \$2,521,600
		PROJECT NO.: CS422301-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 39 PROJECT RANKING: 10 of 80
PROB	A total of 63 properties were surveyed as part of the sewage needs analysis performed in the Borough and a small portion of Upper Tulpehocken Township. According to DEP definitions, 38% of the on-lot disposal systems examined were considered confirmed malfunctions, 18% were considered suspected malfunctions, and 44% were considered potential malfunctions. Water Well sampling conducted indicated that 48% of the wells sampled were not acceptable for drinking. Of the wells tested, 48% exhibited total coliform, 30% exhibited fecal coliform, and 65% exhibited nitrate-nitrogen (reference Page III-6 of the Act 537 Plan). Thus, provision of a public sewage collection system and treatment plant would resolve the existing on-lot disposal	
PROJ	The proposed sanitary sewer collection system will consist of 12,814 lineal feet of 8" PVC SDR 35 , 847 lineal feet of 8" DIP Class 52, 901 feet of 8" PVC C-900, 1798 lineal feet of 6" PVC SDR 35, 360 lineal feet 6" PVC C-900, along with 64 precast concrete manholes. The proposed wastewater treatment plant will have an average daily flow capacity of 65,000 gallons per day along with 2,000 lineal feet of 10" PVC SDR 35 outfall line.	
Bethel Township Municipal Authority P.O. Box 24 Bethel, PA 19507	COUNTY: Berks REGION: SC NPDES:	I: \$1,650,026 II: \$0 IIIA: \$0 \$0 IVA: \$1,850,300 IVB: \$440,000 V: \$0 ELIG. \$3,940,326
		PROJECT NO.: CS422645-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 38 PROJECT RANKING: 11 of 80
PROB	This proposed sanitary sewer project will alleviate concerns regarding suspected and confirmed malfunctioning on-lot septic systems, future concerns regarding wastewater disposal and lack of replacement areas within the Villages of Frystown and Bethel. Furthermore the sewer collection, conveyance and Treatment Facilities constructed with this project will provide adequate means for Sewage Disposal needs of future developments in the community (residential & commercial) helping the economic sustainability of continued growth in the local community. Environmental benefits include improving the	
PROJ	Construct a 205,000 gpd extended aeration WWTP, install 21,350 LF of sewer line, construct a 72,400 gpd extended aeration WWTP, install 10,100 LF of	

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Newton-Wayne JMA P.O. Box 63 Newton-Hamilton, PA 17075	COUNTY: Mifflin REGION: SC NPDES:	I: \$1,500,000 II: \$0 III: \$0 III A: \$0	IVA: \$3,500,000 IVB: \$2,000,000 V: \$0 ELIG. \$7,000,000	PROJECT NO.: CS422487-02 PROJ. TYPE: PS INT SS PROJECT RATING: 38 PROJECT RANKING: 12 of 80			
PROB	The majority of the project service area is currently served by either malfunctioning on-lot disposal systems or wildcat sewers. Confirmed existing OLDS malfunction rate is 46.7%. Environmental benefits include improving the water quality of an unnamed tributary of Juniata River serving as discharge point for satellite STP to be abandoned.						
PROJ	Construct 56,490 LF collection line, 20,772 LF of force main conveyance system and 3 pump stations to transport sewage to existing Mount Union WWTP. This project will eliminate the public health and safety hazards associated with malfunctioning on-lot systems.						
Conemaugh Twp - Phase II - Benscreek Sanitary Sewers 1120 Tire Hill Road Johnstown, PA 15904	COUNTY: Somerset REGION: SW NPDES: PA0021811	I: \$652,000 II: \$0 III: \$0 III A: \$0	IVA: \$7,901,500 IVB: \$7,901,500 V: \$0 ELIG. \$16,455,000	PROJECT NO.: CS422635-01 PROJ. TYPE: SS INT PS PROJECT RATING: 37 PROJECT RANKING: 13 of 80			
PROB	More stringent NPDES effluent discharge requirements have been imposed on the Authority's WWTF to reduce total nitrogen and total phosphorus loadings to the Chesapeake Bay. Environmental benefits include reducing the nutrient loading sent to the Chesapeake Bay.						
PROJ	Upgrade existing WWTF, permitted at 0.350 MGD, to meet BNR requirements for the Chesapeake Bay Watershed. Existing contact stabilization treatment process will be converted to a tertiary treatment process to meet the more stringent total nitrogen and total phosphorus effluent discharge limits.						
Derry Twp SSA - Maitland Area Sanitary Sewer Extension P.O. Box 445 Yeagertown, PA 17099	COUNTY: Mifflin REGION: SC NPDES:	I: \$700,000 II: \$0 III: \$0 III A: \$0	IVA: \$3,859,623 IVB: \$2,500,000 V: \$0 ELIG. \$7,059,623	PROJECT NO.: CS422496-01 PROJ. TYPE: PS INT SS PROJECT RATING: 37 PROJECT RANKING: 14 of 80			
PROB	Malfunctioning on-lot / wildcat sewage disposal facilities. Environmental benefits include eliminating the discharge of untreated sewage to the Township's						
PROJ	The Authority is seeking funding to construct a new sanitary sewer extension for the Maitland Area of the Township.						

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Nicholson Boro WA P.O. Box 324 Nicholson, PA 18446	COUNTY: Wyoming REGION: NE NPDES:	I: \$159,000 II: \$0 III A: \$0 \$0	IVA: \$5,410,000 IVB: \$0 V: \$0 ELIG. \$5,569,000	PROJECT NO.: CS422437-02 PROJ. TYPE: SS STP PROJECT RATING: 36 PROJECT RANKING: 15 of 80		
PROB	Currently the entire borough is using on-lot sewage disposal systems (OLDS). There are 273 OLDS for 300 EDUs. 70 OLDS were surveyed and 19 confirmed malfunctions were reported. The borough soils have rapid infiltration rates. Project benefits include eliminating these malfunctioning systems and improve the local ground and surface water quality.					
PROJ	Construction - Install septic tanks, sanitary sewer and WWTP.					
Rostraver Twp SA - Rehoboth Valley Sewer Project 201 Port Royal Road Belle Vernon, PA 15012	COUNTY: Westmoreland REGION: SW NPDES:	I: \$0 II: \$0 III A: \$0 \$0	IVA: \$12,975,000 IVB: \$5,530,000 V: \$0 ELIG. \$18,505,000	PROJECT NO.: CS422651-01 PROJ. TYPE: PS INT SS PROJECT RATING: 35 PROJECT RANKING: 16 of 80		
PROB	Pricedale and Lynwood are served by wilcat sewers and the Township is under orders to correct the problem. Environmental benefits include reducing insufficiently treated sewage sent to the Township's waterways. Environmental benefits include improving the quality of local water sources.					
PROJ	Installation of 77,000 lf of 8 inch collection sewers, 15,000 lf of 15 inch diameter interceptor sewer, 2 pump stations, and 15,000 lf of 10 inch diameter					

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Port Clinton Boro- SS Collection & Conveyance to Hamburg WWTP via PS P. O. Box 246 Port Clinton, PA 19549	COUNTY: Schuylkill REGION: NE NPDES:	I: \$683,200 II: \$0 III: \$0 \$0	IV: \$1,454,500 IVB: \$1,120,100 V: \$0 ELIG: \$3,257,800	PROJECT NO.: CS422613-01 PROJ. TYPE: PS FM SS PROJECT RATING: 35 PROJECT RANKING: 17 of 80			
PROB	Port Clinton Borough uses on-lot sewage disposal systems, mostly pre-regulatory. Many of these systems are malfunctioning causing contaminated well water. Environmental benefits include reducing ground water contamination.						
PROJ	The Plan provides for construction of a sewage collection and conveyance sewer to serve 160 EDUs. The sewage will be treated at the Hamburg Municipal Authority's (HMA's) existing wastewater treatment plant before it discharges to Schuylkill River. At planning stage, engineer estimated the need of 7,400' for gravity sewer, 6,400' of LPSS and 41 GPs, and 45,000 GPD PS and 12,550' of FM.						
Washington Twp MA (Fayette Cty)- Sanitary Sewerage System 1390 Fayette Avenue Belle Vernon, PA 15012	COUNTY: Fayette REGION: SW NPDES: PA0020702	I: \$0 II: \$0 III: \$0 \$0	IV: \$12,144,500 IVB: \$4,275,000 V: \$0 ELIG: \$16,419,500	PROJECT NO.: CS421502-02 PROJ. TYPE: PS SS INT PROJECT RATING: 35 PROJECT RANKING: 18 of 80			
PROB	Washington Township currently has no sanitary sewers. Malfunctioning on-lot systems exist; direct sewage discharges to abandoned coal mines and surface streams exist; raw sewage flowing in roadside ditches exist; odors and associated health hazards exist. This is a densely populated residential area where untreated or partially treated sewage represents a serious health threat to the citizens. Environmental benefits include eliminating direct sewage						
PROJ	The proposed project will consist of 149,000 lf of sanitary sewers ranging in size from 6" to 12" in diameter, 23,000 lf of force mains ,and 3 pump stations.The sewage will be pumped directly to the Belle Vernon STP for treatment.Belle Vernon has a separate PENNVEST application for the expansion of it's plant to accomodate the flows from Washington Township.						

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APPLICANT INFORMATION	NEEDS			PROJECT		
Belle Vernon Municipal Authority - WWTP Expansion 10 Main Street Belle Vernon, PA 15012	COUNTY: Fayette REGION: SW NPDES: PA0020702	I: \$3,447,462 II: \$0 IIIA: \$0 \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG: \$3,447,462	PROJECT NO.: CS421502-03 PROJ. TYPE: STPMOD PROJECT RATING: 35 PROJECT RANKING: 19 of 80	PROB The existing sewage treatment plant for Belle Vernon services the boroughs of Belle Vernon and North Belle Vernon, due to the proposed construction in Washington Township the current plant will be undersized. This project will upgrade the existing plant to service all existing customers and proposed customers from Washington Township. This project will also upgrade the outdated facilities at the existing plant. Environmental benefits include eliminating the discharge of untreated sewage to the Authority's waterways.	PROJ The Belle Vernon STP is being expanded from .5 MGD to .95 MGD to accomodate flows from Washington Township.
MAHONING TOWNSHIP S.R. 224, BOX 99 HILLSVILLE, PA 16132	COUNTY: LAWRENCE REGION: NW NPDES:	I: \$7,724,460 II: \$0 IIIA: \$0 \$0	IVA: \$6,815,700 IVB: \$8,178,840 V: \$0 ELIG: \$22,719,000	PROJECT NO.: CS422404-02 PROJ. TYPE: STP SS PROJECT RATING: 35 PROJECT RANKING: 20 of 80	PROB The township does not have any existing sanitary sewer facilities. A survey of 120 on lot disposal systems within the township indicated that potential malfunctions were observed in 97% of the systems with unsuitable soil types. Environmental benefits include improving the water quality of the Township's	PROJ Construction Phase - Construct a treatment plant with 360,000 GPD capacity to treat the sanitary sewage. Approximately 81,000 LF of gravity sewers, 8,000 LF of low pressure sewers, 19,500 LF of force main, and six lift stations will be utilized to collect and convey the sewage to the treatment plant.

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APPLICANT INFORMATION		NEEDS			PROJECT	
Union Twp - Elrama Sanitary Sewer 3904 Finley Elrama Road Finleyville, PA 15332	COUNTY: Washington REGION: SW NPDES:	I: \$1,164,000 II: \$0 III A: \$0 \$0	IVA: \$1,300,000 IVB: \$482,530 V: \$0 ELIG. \$2,946,530	PROJECT NO.: CS422176-02 PROJ. TYPE: PS INT SS PROJECT RATING: 34 PROJECT RANKING: 21 of 80		
PROB	There is currently no sanitary sewer system in this area. All septic systems drain to existing streets then to the Monongahela River. Environmental benefits include eliminating the discharge of untreated sewage to the Township's waterways during wet weather.					
PROJ	This is a construction project following a previously funded design project. The plan provides for construction of sanitary sewers to serve Elrama and portions of Finley-Elrama Road. The system will have approximately 240 EDUs. Wastewater will be conveyed through Jefferson Hills Borough interceptor to the West-Elizabeth Sewage Treatment Plant.					
Mahaffey Borough MA - Camp Wastewater System Extension P.O. Box 202 Mahaffey, PA 15757	COUNTY: Clearfield REGION: NC NPDES:	I: \$0 II: \$0 III A: \$0 \$0	IVA: \$180,000 IVB: \$1,952,630 V: \$0 ELIG. \$2,132,630	PROJECT NO.: CS422682-01 PROJ. TYPE: PS INT SS PROJECT RATING: 34 PROJECT RANKING: 22 of 80		
PROB	This project is required due to the current sewage deficiencies at the Camp - 61 wildcat systems, 142 malfunctioning on-lot systems) and the documented failing-on-lot systems at the Byers Settlement area. This project will address two areas of DEP concern by collecting the domestic sewage and conveying it to the existing Mahaffey Borough Municipal Authority wastewater treatment plant. Project benefits include reducing the discharge of untreated sewage to					
PROJ	This project will install approximately 13,000 lineal feet of 8-inch gravity sewers, 5,200 feet of force main/pressure sewers, one new pumping (lift) station and two residential size, grinder pumping stations.					

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Salem Twp P.O. Box 405 Berwick, PA 18603	COUNTY: Luzerne REGION: NE NPDES:	I: II: III A:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG.	\$9,315,522 \$0 \$0 \$9,315,522	PROJECT NO.: CS422494-01 PROJ. TYPE: SS PROJECT RATING: 33 PROJECT RANKING: 23 of 80	
PROB	Malfunctioning on-lot systems. This project proposes to eliminate this problem thus reducing public exposure to raw sewage. Installation of a public sewage system will eliminate the critical environmental conditions caused by these malfunctioning onlot systems improving groundwater and surface water						
PROJ	Install 80,000 LF of gravity sewer, 1,120 laterals, 20 grinder pumps, 2 pump stations, 260 manholes and 16,000 LF of force main conveyance system to existing Berwick Area JSA WWTP.						
Hazle Twp MA - Southside Area Sewer Project P.O. Box 502 Harleigh, PA 18222	COUNTY: Luzerne REGION: NE NPDES: N/A	I: II: III A:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG.	\$10,100,000 \$11,636,931 \$0 \$21,736,931	PROJECT NO.: CS421731-01 PROJ. TYPE: PS, FM, SS, INT PROJECT RATING: 32 PROJECT RANKING: 24 of 80	
PROB	Currently the people use the on-lot sewage disposal systems. Most of the them are un-permitted. There is a combination of graywater discharges,wastewater discharges, bore holes, septic tanks, and holding tanks use. Environmental benefits include eliminating 200,00 GPD of wildcat sewer discharge to the waters of the Commonwealth.						
PROJ	The Plan calls for Hazle Township to construct new sewage collection and conveyance system. This includes installation of gravity collection sewers, sewage transmission mains, force mains, low pressure sewer mains and 9 pump stations.						
Chatham Township Supervisors RR#1, Box 969A Little Marsh, PA 16950	COUNTY: Tioga REGION: NC NPDES:	I: II: III A:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG.	\$0 \$0 \$0 \$0	PROJECT NO.: CS422673-01 PROJ. TYPE: ON-LOT PROJECT RATING: 32 PROJECT RANKING: 25 of 80	
PROB	Numerous on-lot malfunctions and substandard systems throughout the township. Project benefits include reducing the discharge of untreated sewage to the Township's waterways.						
PROJ	Construction Project						

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Vestaburg - New Hill Joint Authority P.O. Box 189 Vestaburg, PA 15368	COUNTY: Washington REGION: SW NPDES: PA0024465 I: \$0 II: \$0 IIIA: \$0 \$3,309,000	PROJECT NO.: CS422108-01 PROJ. TYPE: SSREH PROJECT RATING: 32 PROJECT RANKING: 26 of 80 ELIG. \$3,309,000
PROB	The sanitary sewerage system serving the villages is quite old and in poor condition, having been inherited as a part of the "company towns." These villages were once company housing provided by the owners of coal mines in the area. The existing system allows large quantities of I/I, which overloads the East Bethlehem Township Authority's sewage treatment plant and drives up the cost of treatment of sewage from the Vestaburg-New Hill Joint Authority. Environmental benefits include reducing insufficiently treated sewage sent to the Authorities' waterways.	
PROJ	The project consists of the complete replacement of the sanitary sewerage system in the Villages of Vestaburg and Mexico and includes the installation of approximately, 35,667 linear feet of 6" and 8" gravity sewers, 141 manholes, 298 service connections, and associated appurtenances and restoration.	
Portland Borough P.O. Box 476 Portland, PA 18351	COUNTY: Northampton REGION: NE NPDES: I: \$0 II: \$0 IIIA: \$0 \$0	PROJECT NO.: CS422484-01 PROJ. TYPE: STP PS INT SS PROJECT RATING: 31 PROJECT RANKING: 27 of 80 ELIG. \$0
PROB	Onlot systems representing 92 out of 274 EDUs were surveyed resulting in 52 of the EDU's confirmed as malfunctioning. Environmental benefits include reducing insufficiently treated sewage sent to the Borough's waterways.	
PROJ	Install a collection and conveyance system and a 0.105MGD WWTP servicing residential and industrial customers.	

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Foster Township 1000 Wyoming Street Freeland, PA 18224	COUNTY: Luzerne REGION: NE NPDES: N/A	I: \$3,153,840 II: \$0 III A: \$0 \$947,281	IVA: \$2,899,082 IVB: \$1,061,760 V: \$0 ELIG. \$8,061,963	PROJECT NO.: CS421681-01 PROJ. TYPE: STPMOD SS PS PROJECT RATING: 30 PROJECT RANKING: 28 of 80		
PROB	The existing wastewater treatment facilities are hydraulically / organically overloaded. I/I exists in the the collection system. Project benefits include reducing untreated wastewater flow to Pond Creek and the Lehigh River during wet weather.					
PROJ	Increase capacity of White Haven WWTP from 0.450 MGD to 0.600 MGD. Install 2 new submersible pump stations and upgrade an existing pump station. Install approximately 8500 lf gravity, 4200 force main and rehabilitate two existing collection systems					
Jim Thorpe Boro 421 North Street Jim Thorpe, PA 18229	COUNTY: Carbon REGION: NE NPDES:	I: \$0 II: \$0 III A: \$0 \$0	IVA: \$1,720,950 IVB: \$0 V: \$0 ELIG. \$1,720,950	PROJECT NO.: CS422657-01 PROJ. TYPE: SS PROJECT RATING: 29 PROJECT RANKING: 29 of 80		
PROB	This community has a 66% on-lot malfunction rate. Installation of a public sewage system will eliminate the critical environmental conditions caused by these malfunctioning onlot systems improving groundwater and surface water quality.					
PROJ	Install 3160 LF of gravity main and 3530 LF of force main. Connect interceptor to existing WWTP.					

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APPLICANT INFORMATION		NEEDS				PROJECT
New Buffalo Boro - Sanitary Sewer and WWTF Project P.O.BOX 245 NEW BUFFALO, PA 17069	COUNTY: PERRY REGION: SC NPDES:	I: \$300,000 II: \$0 III: \$0 III: \$0	IVA: \$325,000 IVB: \$175,000 V: \$0 ELIG: \$800,000	PROJECT NO.: CS422453-02 PROJ. TYPE: STP PS INT SS PROJECT RATING: 29 PROJECT RANKING: 30 of 80		
PROB	The sewerage system for the Borough currently is individual septic systems. The needs analysis completed by the Borough confirms that more than half to these septic systems are malfunctioning. The lot sizes are too small to allow replacement systems to be installed that meet current standards. A study performed by Penn State indicates that wells in the Borough are contaminated with Campylobacter bacteria as a result of the malfunctioning septic systems. Environmental benefits include eliminating well water contamination.					
PROJ	Project includes approximately 4,500 feet of sewer lines, one pump station, a 20,000 GPD sequencing batch reactor sewage treatment facility, and an outfall structure to discharge to Buffalo Run approximately 400 feet from the Susquehanna River.					
Brokenstraw Vly Area Auth - Phase II P.O. Box 155 Youngsville, PA 16371	COUNTY: Warren REGION: NE NPDES:	I: \$194,529 II: \$0 III: \$0 III: \$0	IVA: \$2,534,315 IVB: \$0 V: \$0 ELIG: \$2,728,844	PROJECT NO.: CS422656-01 PROJ. TYPE: SS STPMOD PROJECT RATING: 29 PROJECT RANKING: 31 of 80		
PROB	Existing malfunctioning onlot sewage disposal systems.					
PROJ	68,000 feet pressure sewer 200 connections 54 clean-outs 206 grinder pumps Phase I improvements					
WAYNE TOWNSHIP MA 1418 Wampum Road, Rte. 288 Ellwood City, PA 16117	COUNTY: LAWRENCE REGION: NW NPDES: N/A	I: \$0 II: \$0 III: \$0 III: \$0	IVA: \$5,509,601 IVB: \$0 V: \$0 ELIG: \$5,509,601	PROJECT NO.: CS422653-01 PROJ. TYPE: SS, PS, FM PROJECT RATING: 29 PROJECT RANKING: 32 of 80		
PROB	93 out of 151 onlots confirmed malfunctioning. Environmental benefits include reducing ground water contamination.					
PROJ	Construction of 50,335 lf of gravity sewers, 6050 lf of force main, and an upgrading of a pump station.					

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APPLICANT INFORMATION		NEEDS				PROJECT
West Elizabeth San Auth - Sewer 125 Lower First Street Elizabeth, PA 15088	COUNTY: Allegheny REGION: SW NPDES:	I: \$0 II: \$0 III A: \$0 \$0	IV A: \$2,615,210 IV B: \$0 V: \$0 ELIG. \$2,615,210	PROJECT NO.: CS422590-02 PROJ. TYPE: SS PROJECT RATING: 29 PROJECT RANKING: 33 of 80		
PROB	A portion of West Elizabeth Borough is served by a combined sewer system with a combined sewer overflow (CSO) No. 008. CSO No. 008 currently discharges to the Monongahela River. In accordance with the National CSO Policy several alternatives were investigated to reduce the impact of the CSO on water quality standards in the Monongahela River. The chosen alternative was separation via construction of a separate sanitary sewer system, conversion of the existing combined sewers in West Elizabeth Borough to storm sewers and rehabilitation of the laterals in the Borough. The project anticipates eliminating CSO events from CSO No. 008. Environmental benefits include reducing insufficiently treated sewage sent to the Monongahela					
PROJ	'Construction of 7000 lf of new sanitary sewers and converting existing combined sewer into a storm sewer.					
LEETSDALE BOROUGH MA 5 SIXTH STREET LEETSDALE, PA 15056	COUNTY: ALLEGHENY REGION: SW NPDES:	I: \$4,797,000 II: \$0 III A: \$0 \$0	IV A: \$0 IV B: \$1,067,000 V: \$0 ELIG. \$5,864,000	PROJECT NO.: CS422456-02 PROJ. TYPE: STP PSMOD PROJECT RATING: 29 PROJECT RANKING: 34 of 80		
PROB	The Municipal Authority of the Borough of Leetsdale operates a combined sewer system and signed a Consent Order and Agreement with the Department which stipulates to a schedule for coming into compliance with EPA's Combined Sewer Overflow policy (meeting 85% capture from CSO's). Environmental benefits include reducing insufficiently treated discharge of sewage to the Ohio river during wet weather.					
PROJ	The proposed project will modify the existing treatment plant to increase its capacity from .775 MGD (million gallons per day) to 0.95 MGD with an instantaneous peak flow of 10 MGD. This will be accomplished by abandoning the existing grit chamber, the pre-aeration tank, the primary clarifier, the chlorination system, and the chlorine contact tanks. The existing aeration tanks will be adapted for use as sludge thickening/digestion units, and the primary clarifier will be used for sludge concentration. A new communitor capable of reducing solids in flows up to 5 MGD will be installed in parallel with the existing communitor. Four new Sequential Batch Reactor (SBR) tanks with a capacity of 0.95 MGD of dry flow and up to 10 MGD of wet weather flow will be installed. Finally a new ultraviolet (UV) light disinfection system will be installed to disinfect the final effluent before discharge. One additional raw sewage pump rated at 1900 GPM at 22 feet TDH (total dynamic head) will be installed along with new suction piping and a new 20 inch diameter forcemain. The modifications to the Edgeworth Lane Pump Station will include enlarging the existing pump suction from 6 inch diameter to 8 inch diameter, an additional pump rated at 1,800 gpm at 46 feet TDH will be installed, and a new 16 inch diameter forcemain will be constructed. The new 4,500 foot long 16" forcemain will circumvent the Little Sewickley Creek Pump Station and will free up an additional 1,350 gpm of pumping capacity at that station. The capacity of the Edgeworth Lane Pump Station will be increased from 1,350 gpm to 3,000 gpm. This will further reduce wet weather discharges to the Ohio River. Alterations to the diversion structures at Hazel Lane, Chestnut Road, and Church Lane will also be required to increase flow to the LBMA system. This is Phase 2 of LBMA's Long Term Control Plan as approved by PADEP in compliance with the COA.					

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APPLICANT INFORMATION			NEEDS			PROJECT
Sharon City 155 W. Connelly Boulevard Sharon, PA 16146	COUNTY: Mercer REGION: NW NPDES: N/A	I: \$0 II: \$21,658,89 III: \$0 III A: \$3,406,384	IVA: \$0 IVB: \$0 V: \$0 ELIG. \$25,065,282	PROJECT NO.: CS422131-01 PROJ. TYPE: STPMOD INT PROJECT RATING: 29 PROJECT RANKING: 35 of 80		
PROB	Sanitary sewer overflow resulting in hydraulic overload of bottlenecked WWTP; organic overload of the WWTP. Environmental benefits include reducing insufficiently treated sewage sent to the City's waterways.					
PROJ	Additional flow capacity will be added to the existing inverted siphon by adding an additional barrel. The intent of this additional capacity (0.53 MGD) is to significantly reduce or eliminate SSO's occurring at the upstream siphon chamber. Two parallel interceptors convey flow from the downstream siphon chamber to the WWTP. A new interceptor will replace the older of the two. The new interceptor will be specified to have additional capacity and less infiltration than the interceptor it will replace. The treatment process will be changed from conventional activated sludge to the trickling filter/solids contact process. The average daily flow capacity of the WWTP will be increased from 4.50 MGD to 8.66 MGD. The organic loading will be increased from an average of 7,256 lbs./day BOD to 14,445 lbs./day BOD. Ammonia reduction capacity will be increased from 751 lbs./day to 1,444 lbs./day.					
Jeannette City MA - Sewer System Rehabilitation and WWTP Improvements P.O. Box 294 City of Jeanette, PA 15675	COUNTY: Westmoreland REGION: SW NPDES:	I: \$0 II: \$0 III: \$0 III A: \$4,120,000	IVA: \$0 IVB: \$0 V: \$0 ELIG. \$4,120,000	PROJECT NO.: CS422547-02 PROJ. TYPE: PROJECT RATING: 29 PROJECT RANKING: 36 of 80		
PROB	The existing sewer system is experiencing surcharging conditions during extreme wet weather periods resulting in basement backups in various areas of the City and sanitary sewer overflows at the pump station. The sewer rehabilitation work is intended to reduce I/I and eliminate bottlenecks in the system. The WWTP improvements are intended to improve treatment efficiency, maximize flow to the WWTP and reduce pump station overflows. Construction of the project will benefit public health and the environment by eliminating sewage back-up into basements and reducing insufficiently treated sewage sent to					
PROJ	Construction phase rehab (replacement, trenchless lining, spot repair) of approximately 30,000 lf of sanitary sewer ranging in size from 8-inch to 24-inch; manhole rehabilitation; replacement of sludge collection mechanisms of the three (3) primary clarifiers and two (2) secondary clarifiers; installation of a 2nd source of power for emergency operation at WWTP and pump station; and installation of effluent pumping during flood conditions					

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APPLICANT INFORMATION			NEEDS				PROJECT
Tilden Township 772 Hex Highway Hamburg, PA 19526	COUNTY: Berks REGION: SC NPDES:	I: \$0 II: \$0 III A: \$0 \$0	IV A: \$3,900,000 IV B: \$1,290,000 V: \$0 ELIG. \$5,190,000	PROJECT NO.: CS422670-01 PROJ. TYPE: PS INT SS PROJECT RATING: 28 PROJECT RANKING: 37 of 80			
PROB	Presently the Service Area is served by both a wildcat collection system and on-lot systems consisting of both cesspools and septic tanks with unpermitted tile fields. Sewage from the wildcat collection system discharges into swales that eventually discharge into the Schuylkill River. Many of the on-lot systems are malfunctioning. Project benefits include eliminating the public health, safety and environmental problems caused by the wildcat sewers and malfunctioning on-lot wastewater systems in West Hamburg Village. Project will allow Tilden Township to be in compliance with it's DEP approved sewage						
PROJ	The project consisting of approximately 29,100 L.F. of 8" pipe, 1,400 L.F. of 10" pipe , 350 L.F. of 12" pipe, 130 manholes and three (3) pump stations, including necessary road restoration on both State highways and local roads.						
Ambridge Boro MA - WWTP Improvements Phase II 600 Eleventh Street Ambridge, PA 15003	COUNTY: Allegheny / REGION: SW NPDES:	I: \$0 II: \$0 III A: \$0 \$0	IV A: \$0 IV B: \$1,355,000 V: \$0 ELIG. \$1,355,000	PROJECT NO.: CS422623-01 PROJ. TYPE: PSMOD PROJECT RATING: 28 PROJECT RANKING: 38 of 80			
PROB	The Bank Street pump station can't handle the wet weather flows resulting in sanitary sewer overflows. Environmental benefits include improving the quality of a local Borough stream.						
PROJ	Pump station will be modified to increase its capacity from 540,000 gpd to 2.183 MGD, 1566 lf of existing 8- inch force main will be replaced with a						

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APPLICANT INFORMATION			NEEDS				PROJECT
Coraopolis WSA 1012 Fifth Avenue Coraopolis, PA 15108	COUNTY: Allegheny REGION: SW NPDES:	I: II: III A:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG.	\$0 \$0 \$1,523,600 \$1,523,600	PROJECT NO.: CS422530-01 PROJ. TYPE: SS PROJECT RATING: 28 PROJECT RANKING: 39 of 80	
PROB	I/I has caused overflowing through manhole covers and into basements of residences. The existing combined sewer CCTV inspection revealed that this line is collapsing. Sewer modifications will reduce wet weather flow to the combined sewer system and thus reduce the total volume of combined sewer overflows, which currently discharge through a permitted CSO. Primary health and environmental benefits relate to the elimination of the discharge of raw sewage through backflow into basements and through manhole lids affecting approximately 12 residences.						
PROJ	Approximately 3,800 feet of sanitary sewer will be installed, which includes replacement of existing sanitary sewers on Brook Street, Ridge Avenue, Vance Avenue, Alder Alley and Chestnut Street. Approximately 600 feet of new storm sewer will be installed on Alder Alley to reduce flow into the combined sewer system. New check valves will be installed at the Watt Street and Mulberry Street CSO Regulators.						
Avalon Sanitary Sewer Deficiency Corrections 640 California Avenue Avalon, PA 15202	COUNTY: Allegheny REGION: SW NPDES:	I: II: III A:	\$0 \$0 \$0 \$2,100,000	IVA: IVB: V: ELIG.	\$0 \$0 \$0 \$2,100,000	PROJECT NO.: CS422646-01 PROJ. TYPE: SSREH PROJECT RATING: 28 PROJECT RANKING: 40 of 80	
PROB	Infiltration and inflow problems are causing downstream bypassing and basement flooding. Environmental benefits include eliminating basement						
PROJ	Rehabilitation of 200 manholes, 6000 lf of sewer lining, and 1700 lf of spot repairs.						

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APPLICANT INFORMATION					NEEDS			PROJECT
Portage Area SA - WWTP Improvements 606 Cambria Street Portage, PA 15946	COUNTY: Cambria REGION: SW NPDES:	I: \$9,500,000 II: \$0 IIIA: \$0 \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. \$9,500,000	PROJECT NO.: CS422577-01 PROJ. TYPE: STPMOD PROJECT RATING: 28 PROJECT RANKING: 41 of 80				
PROB	The Portage Area Sewer Authority's (PASA) wastewater treatment facility is hydraulically overloaded due to I/I. As a result, raw wastewater is bypassed through a Sanitary Sewer Overflow (SSO) during high flow events prior to treatment. The Pennsylvania Department Of Environmental Protection (PADEP) issued an Order to PASA to resolve this problem and eliminate bypasses at the wastewater treatment facility. Proposed improvements to the wastewater treatment facility will handle all flows, thus eliminating the SSO and bringing PASA into compliance with the PADEP Order. Environmental benefits include reducing insufficiently treated sewage sent to the Authority's waterways.							
PROJ	The proposed improvements will increase capacity of the wastewater treatment facility to 2.0 MGD dry weather flow and 6.0 MGD wet weather flow thus allowing all flows to be treated and eliminating the SSO and bring PASA into compliance with the PADEP Order. The design will also include Biological Nutrient Removal (BNR) so the facility will comply with future PADEP Regulations.							
Mount Pleasant Boro - Combined Sewer System Separation Project 653 Main Street Mr. Pleasant, PA 15666	COUNTY: Westmoreland REGION: SW NPDES:	I: \$0 II: \$0 IIIA: \$0 \$0	IVA: \$0 IVB: \$0 V: \$2,162,750 ELIG. \$2,162,750	PROJECT NO.: CS422564-01 PROJ. TYPE: SS PROJECT RATING: 27 PROJECT RANKING: 42 of 80				
PROB	During precipitation events, the combined sewer system becomes overloaded with surface and subsurface water and causes an overflow of untreated, combined sewage into Waters of the Commonwealth at permitted CSO locations. The Mount Pleasant Municipal Authority desires to eliminate the permitted CSOs by installing a new sanitary sewer system and allowing the existing combined sewer system to function as separate storm water collection and conveyance facilities. The proposed project will eliminate at least two (2) permitted combined sewer overflows (CSO #011 and CSO #012), and eliminate periodic activity at the Quarry Street pump station (former CSO #010). CSO #007 and CSO #005 will be carefully monitored post-construction and permanently closed and eliminated if no activity is recorded during significant precipitation events. Environmental benefits include closing two							
PROJ	Construct approximately 11,740 L.F. of new 8" diameter sanitary sewer line, 130 L.F. of new 12" diameter sanitary sewer line, and 730 L.F. of new 24" diameter sanitary sewer line. The new sanitary sewers will be constructed along the same alignment as the existing combined sewer facilities. The existing combined sewer lines will remain in service as storm water collection and conveyance facilities. In addition, emergency generators will be installed at the Route 31 wastewater pumping station and the Quarry Street wastewater pumping station to provide service during periods of power failure and prevent the overflow of raw sewage into the environment. The 4" diameter cast iron force main serving the Route 31 pump station will be replaced with a new 4"							

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APPLICANT INFORMATION		NEEDS				PROJECT	
Irwin Boro - Phases 2 & 3 Combined Sewer Separation Project 424 Main Street Irwin, PA 15642	COUNTY: Westmoreland REGION: SW NPDES:	I: II: IIIA:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG.	\$0 \$0 \$6,000,000 \$6,000,000	PROJECT NO.: CS422680-01 PROJ. TYPE: CSO PROJECT RATING: 27 PROJECT RANKING: 43 of 80	
PROB	Irwin Borough is served by a combined sewer system that discharges untreated sewage into Tinkers Run and Brush Creek during wet weather. Project benefits include eliminating the discharge of untreated sewage through the elimination of four CSO discharge points.						
PROJ	Installation of 22,000 linear feet of new sanitary sewers, converting the existing combined sewers into storm sewers and installing an additional 9,800 linear feet of new storm sewers.						
Mount Oliver Borough 150 Brownsville Road Pittsburgh, PA 15210	COUNTY: Allegheny REGION: SW NPDES:	I: II: IIIA:	\$0 \$0 \$0 \$1,513,500	IVA: IVB: V: ELIG.	\$0 \$0 \$0 \$1,513,500	PROJECT NO.: CS422675-01 PROJ. TYPE: SSREH PROJECT RATING: 27 PROJECT RANKING: 44 of 80	
PROB	Mt Oliver's sewers convey excessive wet weather flows that result in basement flooding and downstream bypassing. As an ALCOSAN community, they signed a Consent Order and Agreement that required them to identify deteriorated sewers and repair all category 4 and 5 defects (sewers that are in the worst condition). Project benefits include reducing the discharge of untreated sewage to the Borough's waterways during wet weather.						
PROJ	The proposed project includes the replacement of 1180 lf of 12 inch sewer , 400 lf of spot repairs, and 1600 lf of sewer lining.						

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APPLICANT INFORMATION			NEEDS				PROJECT	
Scottdale Boro - Combined Sewer System Separation Project 10 Mount Pleasant Road Scottdale, PA 16583	COUNTY:	Westmoreland	I:	\$0	IVA:	\$0	PROJECT NO.:	CS422582-01
	REGION:	SW	II:	\$0	IVB:	\$0	PROJ. TYPE:	CSO
	NPDES:		III:	\$0	V:	\$1,309,288	PROJECT RATING:	27
				\$0	ELIG:	\$1,309,288	PROJECT RANKING:	45 of 80
PROB	The Borough of Scottdale, along with the Westmoreland Fayette Municipal Sewage Authority, desires to mitigate and/or eliminate certain permitted CSOs by removing storm sewer inlets from the combined sewer system and continuing to enforce the resale dye testing ordinance. In addition the direct discharge of raw sewage into a storm sewer system will be eliminated through the installation of a new sanitary sewer system in the Arthur Avenue area. The proposed project will eliminate at least one (1) permitted combined sewer overflow (CSO # 011-Orchard Street) and significantly reduce the frequency and duration of overflows at four permitted CSOs (CSO #005; CSO #006; CSO #007, and CSO #008). These CSO's will be carefully monitored post-construction and permanently closed if no activity is recorded during significant precipitation events. Environmental benefits include reducing							
PROJ	The proposed Project consists of the installation of approximately 7,600 L.F. of storm sewer line ranging in size from 12" diameter to 30" diameter; 24 storm sewer inlets; approximately 1,900 L.F. of 10" diameter SDR-35 gravity sanitary sewer collection line; seven (7) sanitary manholes, one (1) cleanout; sixteen (16) sanitary sewer lateral reconnections; and related appurtenances and restoration.							
Philadelphia City - Real Time Control of SSOs in Tacony Creek Park 1101 Market Street, 4th Floor Philadelphia, PA 19107	COUNTY:	Philadelphia	I:	\$0	IVA:	\$0	PROJECT NO.:	CS422574-01
	REGION:	SE	II:	\$0	IVB:	\$0	PROJ. TYPE:	CSO
	NPDES:		III:	\$0	V:	\$6,000,000	PROJECT RATING:	27
				\$0	ELIG:	\$6,000,000	PROJECT RANKING:	46 of 80
PROB	CSOs from under-utilization of in-system storage in the Rock Run Relief and T14 trunk sewer discharge to the Tacony Creek. Environmental benefits include reducing insufficiently treated sewage sent to the City's waterways.							
PROJ	Install an inflatable dam in the Rock Run Relief Sewer and a crest gate in the trunk sewer of regulating structure T14 ("I" St. and Ramona Ave.) The proposed site for installation of the Rock Run Relief inflatable dam is located in an 11-foot diameter section of the relief sewer providing approximately 2.3 million gallons of storage. Installation of a 15.0-foot crest gate is proposed in a 21.0 ft x 24.0 ft trunk sewer just upstream of the T14 chamber providing approximately 10.0 million gallons of storage. The inflatable dam at R15 will result in a reduction of roughly 20% in the average annual CSO volume cost-effectively (unit cost of \$0.14/gal versus \$6/gal for new storage). The gate installation at T14 will result in a reduction of roughly 30% in the average annual CSO volume cost-effectively (unit cost of \$0.03/gal versus \$6/gal for new storage).							

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APPLICANT INFORMATION	NEEDS	PROJECT
Frankstown Township 1775 Frankstown Road Hollidaysburg, PA 16648	COUNTY: Blair REGION: SC NPDES:	I: \$0 II: \$0 III A: \$0 \$0
	IV A: \$3,200,000 IV B: \$0 V: \$0 ELIG. \$3,200,000	PROJECT NO.: CS422602-01 PROJ. TYPE: PS SS PROJECT RATING: 26 PROJECT RANKING: 47 of 80
PROB	Door to door survey conducted by the Township concluded that 32% of the on lot systems are confirmed malfunctions and 53% of the wells are contaminated. Environmental benefits include eliminating well water contamination.	
PROJ	Project consists of a gravity flow collection system flowing to a central pump station and conveyance via force main to an existing gravity collection main. Approximately 26,000 L.F. of sewer main and laterals, 5,600 L.F. of force main, a pump station, state highway and railroad boring and casing, river crossings and necessary appurtenances shall be installed. All wastewater from the project shall be conveyed to the Hollidaysburg Regional WWTP for	
Rush Twp (Centre Cty) - Loch Lomond, One Mile Run & Windy Hill Area P O Box 152 Philipsburg, PA 16866	COUNTY: Centre REGION: NC NPDES: PA0037966	I: \$0 II: \$0 III A: \$0 \$0
	IV A: \$1,572,880 IV B: \$310,120 V: \$0 ELIG. \$1,883,000	PROJECT NO.: CS422636-01 PROJ. TYPE: SS INT PROJECT RATING: 26 PROJECT RANKING: 48 of 80
PROB	Numerous malfunctioning on-lot septic systems were reported in the Act 537 Sewage Facilities Plan Update completed for the area in 2002. The implementation of this project will mitigate the environmental, public health and safety concerns associated with these malfunctioning septic systems.	
PROJ	Construct sewer extensions and replace faulty private and public sewer sections	

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APPLICANT INFORMATION			NEEDS				PROJECT
Winslow Township - Village of Soldier 1277 Yellow Brick Road Reynoldsville, PA 15851	COUNTY: Jefferson REGION: NW NPDES:	I: \$0 II: \$0 III: \$0 III A: \$0	IV: \$2,597,300 IVB: \$0 V: \$0 ELIG: \$2,597,300	PROJECT NO.: CS422687-01 PROJ. TYPE: PS PROJECT RATING: 26 PROJECT RANKING: 49 of 80			
PROB	Noted in the project feasibility study, many of the on-lot sewage systems are malfunctioning (48%), which in turn is polluting the ground and surface waters. It was also documented in the feasibility study that 71% of the water samples collected in the Soldier area have total coliform amounts in excess of Maximum Contaminant Levels. Environmental benefits include reducing insufficiently treated sewage sent to the Township's waterways						
PROJ	The proposed project consists of 22,935 linear feet of gravity sewer, 5,622 linear feet of sewer force main, 89 service connections, two (2) sewer lift stations, three (3) residential grinder pumps and all other associated appurtunances.						
Johnsonburg MA - Wastewater System Upgrade Project Phase-1 520 Market Street STE A Johnsonburg, PA 15845	COUNTY: Elk REGION: NW NPDES:	I: \$0 II: \$0 III: \$0 III A: \$2,406,000	IV: \$0 IVB: \$0 V: \$0 ELIG: \$2,406,000	PROJECT NO.: CS422649-01 PROJ. TYPE: SSREH PS PROJECT RATING: 26 PROJECT RANKING: 50 of 80			
PROB	The existing pump stations and sanitary sewer system have exceeded their useful life. The result is wet weather bypassing from undersized pumps. Environmental benefits include reducing insufficiently treated sewage sent to the Authority's waterways.						
PROJ	Phase 1 (Collection System Rehabilitation) will encompass the replacement of three existing pumping stations and approximately 10,750 linear feet (LF) of gravity sewers.						

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APPLICANT INFORMATION		NEEDS				PROJECT	
Saxton Borough P.O. Box 173 Saxton, PA 16678	COUNTY: Bedford REGION: SC NPDES:	I: \$0 II: \$0 III A: \$0 \$0	IV A: \$0 IV B: \$0 V: \$0 ELIG. \$0			PROJECT NO.: CS422625-01 PROJ. TYPE: PS INT SS PROJECT RATING: 26 PROJECT RANKING: 51 of 80	
PROB	Seton Company, a leather manufacturing business, requested permission to discharge their wastewater to the Saxton Wastewater Treatment Facility. The current WWTF does not have the biological and hydraulic capacity to accept the new Seton discharge of 180,000 gpd; therefore, the Saxton Borough Municipal Authority needs to increase plant capacity. The Project also requires a pretreatment facility to treat the initial Seton industrial waste before discharge to the Saxton WWTF. The Seton Company expansion has the potential for creating 100 new jobs for the community. Environmental benefits include eliminating the potential of a hydrolically or organically overloaded WWTP.						
PROJ	The current WWTF is PADEP regulated at 0.4 million gallons per day with a 587 lbs/day BOD Loading. The upgrade project will increase the WWTF capacity to 0.6 million gallons per day with a 1251 lbs/day BOD loading capacity. The project will provide new process treatment units, air diffusion system, new digester units, new headworks building, chemical system, pumping stations, approximately 6500 feet of collection system piping, and a new						
Norristown Municipal Waste Authority 235 East Airy Street, Second Floor Norristown, PA 19401	COUNTY: Montgomery REGION: SE NPDES:	I: \$0 II: \$0 III A: \$0 \$3,000,000	IV A: \$0 IV B: \$0 V: \$3,345,348 ELIG. \$6,345,348			PROJECT NO.: CS422604-01 PROJ. TYPE: SSREH PROJECT RATING: 26 PROJECT RANKING: 52 of 80	
PROB	The Authority's sanitary sewers consist of combined as well as separated sanitary sewers, many of which were constructed in the early 1900's. The sewers are subject to reoccurring surcharging, sewer overflows and blockages. Separating the combined sewer system will minimize these negative environmental impacts and provide a healthier environment for citizens. Streams and waterways will not be subject to sewer degradation and homeowners and other citizens will not be exposed to untreated wastewater.						
PROJ	The NMWA is proposing to install 6500 L.F. of 8" to 16" sanitary sewer main along Main/Mill/Green Street in order to separate the combined collection system. In addition, the NMWA is proposing to rehabilitate 9213 L.F. of 12" to 24" existing sanitary sewer along Markley and Harding Streets.						

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 CLEAN WATER STATE REVOLVING FUND
 FY 2009 AND FY 2010 PROJECT PRIORITY LIST**

APPLICANT INFORMATION			NEEDS				PROJECT	
Huston Township P.O. Box 121 Penfield, PA 15849	COUNTY: REGION: NPDES:	Clearfield NC	I: II: III A:	\$0 \$0 \$0 \$0	IV A: IV B: V: ELIG.	\$633,438 \$0 \$0 \$633,438	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422671-01 SS 25 53 of 80
PROB	Several malfunctioning or substandard on-lot systems on Mountain Run Road. Numerous violations with the Pine Valley Mobile Home Park. Project benefits include improving the water quality of Mountain Run Stream.							
PROJ	This project will sewer the Mountain Run Road area, including the malfunctions, the Pine Valley Mobile Home Park, and the Boy Scout Camp. The MHP and the Camp will surrender their NPDES and WQM permits to connect to the Huston Township sewer system.							
O'Hara Twp Fox Chapel Road Pittsburgh, PA 15238	COUNTY: REGION: NPDES:	Allegheny SW	I: II: III A:	\$0 \$0 \$0 \$0	IV A: IV B: V: ELIG.	\$0 \$0 \$678,000 \$678,000	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422685-01 SSREH 25 54 of 80
PROB	O'Hara Twp entered into a Consent Order and Agreement with DEP/EPA that requires them to evaluate their sewer system and repair all identified category 4 and 5 defects (the most severe). Environmental benefits include reducing downstream bypassing of WWTP during wet weather improving the quality of the Township's waterways							
PROJ	Project will include 5000 feet of sewer lining, 560 ft of spot repairs and grouting of 202 joints.							
Coolbaugh BNR Process Upgrade 5550 Memorial Blvd Tobyhanna, PA 18466	COUNTY: REGION: NPDES:	Monroe NE	I: II: III A:	\$0 \$2,872,875 \$0 \$0	IV A: IV B: V: ELIG.	\$0 \$0 \$0 \$2,872,875	PROJECT NO.: PROJ. TYPE: PROJECT RATING: PROJECT RANKING:	CS422529-01 STPMOD 24 55 of 80
PROB	Currently the existing WWTP cannot meet the new discharge permit limits set by PADEP. Coolbaugh has agreed to a consent agreement which is under development by PADEP Wilkes-Barre's office. Environmental benefits include reduced algae formation promoting a healthy aquatic environment in the							
PROJ	Install a membrane bioreactor reducing the nitrogen and phosphorus to within or better than the PADEP NPDES limits.							

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APPLICANT INFORMATION		NEEDS			PROJECT	
Elkland Borough 105 Parkhurst Street Elkland, PA 16920	COUNTY: Tioga REGION: NC NPDES:	I: \$0 II: \$4,646,215 III A: \$0 \$1,820,765	IV A: \$0 IV B: \$0 V: \$0 ELIG. \$6,466,980	PROJECT NO.: CS422642-01 PROJ. TYPE: STPMOD PS INT PROJECT RATING: 23 PROJECT RANKING: 56 of 80		
PROB	I/I from an aged collection system coupled with undersized pump stations is causing bypassing to Camp Brook Creek. The WWTP does not meet Chesapeake Bay NRT requirements. Environmental benefits include improved water quality in several streams including Camp Brook Creek.					
PROJ	Upgrades to the treatment facility for BNR and to the pump station. Replacement of the influent force main and effluent discharge line.					
Philipsburg Boro P.O. Box 631 Philipsburg, PA 16866	COUNTY: Centre REGION: NC NPDES:	I: \$0 II: \$0 III A: \$0 \$4,547,968	IV A: \$1,837,500 IV B: \$0 V: \$0 ELIG. \$6,385,468	PROJECT NO.: CS422514-02 PROJ. TYPE: SS PROJECT RATING: 23 PROJECT RANKING: 57 of 80		
PROB	I/I problems exist within the Philipburg collection system. There exists 6 malfunctioning on-lot systems, one wildcat system. Environmental benefits include improving water quality of the Borough's waterways					
PROJ	The project involves the installation of 27,860 lineal feet of PVC gravity sanitary sewer main, 1,575 lineal feet of forcemain, 12,100 lineal feet of sanitary sewer laterals, manholes and all necessary appurtenances.					
Cambridge Area Joint Authority 161 Carringer Street Cambridge, PA 16403	COUNTY: Crawford REGION: NW NPDES:	I: \$1,279,200 II: \$0 III A: \$225,000 \$0	IV A: \$0 IV B: \$0 V: \$0 ELIG. \$1,504,200	PROJECT NO.: CS422674-01 PROJ. TYPE: STPMOD I/I PROJECT RATING: 23 PROJECT RANKING: 58 of 80		
PROB	The approved Act 537 Plan provides for elimination of Sanitary Sewer Overflows (SSO's) and upgrades to the conveyance and treatment facilities to accommodate projected loadings for the Design Year 2025. Project benefits include reducing the discharge of untreated sewage to the Authority's					
PROJ	Modify the wastewater treatment plant for the following conditions: The influent headworks to the treatment plant will accommodate a peak influent flow rate of 10.8 Million Gallons per Day (MGD). The treatment facilities will accommodate a maximum monthly design flow of 1.30 MGD and a maximum monthly influent organic loading of 2,500 lb/day of Biochemical Oxygen Demand (BOD). The equalization tank will have a capacity of 1,500,000 gallons.					

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APPLICANT INFORMATION	NEEDS			PROJECT	
Sheffield Township 20 Leather Street Sheffield, PA 16347	COUNTY: Warren REGION: NW NPDES:	I: \$3,210,966 II: \$0 IIIA: \$345,511 \$0	IVA: \$4,825,723 IVB: \$0 V: \$0 ELIG. \$8,382,200	PROJECT NO.: CS422689-01 PROJ. TYPE: STPMOD SS PROJECT RATING: 23 PROJECT RANKING: 59 of 80	
PROB	The sewage treatment plant has been unable to meet permit limitations. The existing sewer lines have inflow and infiltration problems. The outlying unserviced sewer areas have a 74% malfunction rate of on-lot systems. Environmental benefits include reducing insufficiently treated sewage sent to the Borough's waterways from wet weather bypassing of the collection system.				
PROJ	The project is to upgrade the existing treatment plant from 270,000 gallons per day to 660,000 gallons per day, and to increase the user base from 740 EDU's to 1088 EDU's.				
Philipsburg Borough Council P.O. Box 631 Philipsburg, PA 16866	COUNTY: Centre REGION: NC NPDES:	I: \$0 II: \$0 IIIA: \$0 \$10,974,13	IVA: \$0 IVB: \$0 V: \$0 ELIG. \$10,974,137	PROJECT NO.: CS422672-01 PROJ. TYPE: SS PROJECT RATING: 23 PROJECT RANKING: 60 of 80	
PROB	The existing system is severely deteriorated and can not adequately handle sanitary sewer flows. During wet weather periods the system becomes overloaded with inflow and infiltration. Project benefits include reducing the discharge of untreated sewage to the Borough's waterways.				
PROJ	This phase of the project will install 39,000 feet of sewer mains, laterals, manholes, and related appurtenances.				

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APPLICANT INFORMATION			NEEDS			PROJECT	
Mifflinburg Boro - WWTP BNR Upgrades 333 Chestnut Street Mifflinburg, PA 17844	COUNTY: Union REGION: NC NPDES:	I: \$0 II: \$8,053,179 III A: \$0 \$0	IVA: \$0 IVB: \$134,321 V: \$0 ELIG. \$8,187,500	PROJECT NO.: CS422562-01 PROJ. TYPE: STPMOD PROJECT RATING: 23 PROJECT RANKING: 61 of 80			
PROB	CSOs resulting from wet weather bypassing of collection system and WWTP, basement flooding during wet weather and a need to meet the anticipated BNR limits to be imposed by DEP. Construction of the project will benefit public health and the environment by eliminating sewage back-up into basements, reducing insufficiently treated sewage sent to the Authority's waterways and reduced algae formation promoting a healthy aquatic environment						
PROJ	The scope of the upgrades for the 1.4 MGD facility is as follows: Installation of Fine Screening/Grit Removal and Solids Handling at the Existing Headworks and Enclosure within a Masonry Building; Conversion of a portion of the existing Sequencing Batch Reactors to Flow Equalization Storage; Conversion of a portion of the existing Sequencing Batch Reactors to Membrane Bioreactor w/ integrated Biological Nutrient Removal; System Modification of Disinfection to include On-Site Sodium Hypochlorite Generation; Installation of Utility Water System and Sump; Installation of Chemical Precipitation System for Enhanced Total Phosphorus removal; Conversion of a portion of the existing Sequencing Batch Reactors to Aerobic Digesters; Conversion and Addition to Dewatering Building to include Operations Offices, Storage Space/Loading Dock, and Laboratory; Facilities Demolition of existing Control						
West Mahanoy Township (Phase 2) 190 Pennsylvania Ave Shenandoah, PA 17976	COUNTY: Schuylkill REGION: NE NPDES: PA0064998	I: \$640,000 II: \$0 III A: \$0 \$0	IVA: \$3,750,000 IVB: \$0 V: \$0 ELIG. \$4,390,000	PROJECT NO.: CS422633-01 PROJ. TYPE: SS PS PROJECT RATING: 22 PROJECT RANKING: 62 of 80			
PROB	To alleviate environmental problems caused by malfunctioning on-lot sewage disposal systems, wildcat sewers, and cesspools, a sanitary sewage collection, conveyance, and treatment system will be constructed. The project includes East William Penn, West William Penn, Store Patch, Lost Creek, & Lost Creek No. 2. Construction of the project will benefit the environment by reducing the flow of insufficiently treated sewage Shenandoah Creek a						
PROJ	Construction of a 37,000 gallon per day wastewater treatment plant, approximately six miles of new gravity sanitary sewers and one mile of low pressure						

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APPLICANT INFORMATION	NEEDS	PROJECT
Upper Yoder Township Authority 302 Elim Street Johnstown, PA 15905	COUNTY: Cambria REGION: SW NPDES:	I: \$0 II: \$0 IIIA: \$0 \$0 IV: \$0 IVB: \$2,000,000 V: \$0 ELIG. \$2,000,000
		PROJECT NO.: CS422641-01 PROJ. TYPE: SSREH PROJECT RATING: 22 PROJECT RANKING: 63 of 80
PROB	The selected alternative called for 36,200' of cured-in-place lining for the selected sewer sections, cured-in-place manhole chimney liner for 120 manholes with brick risers, and the rehabilitation of the lateral connections to the rehabilitated sewer mains, and the purchase of the portable flow monitoring equipments to perform post-construction monitoring.	
PROJ	Project will consist of the rehabilitation of 23,500 lf of sewer. Rehabilitation will consist of lining, pipe bursting and spot replacement.	
Towanda MA - WWTP Rehabilitation P.O. Box 229, 724 Main Street Towanda, PA 18848	COUNTY: Bradford REGION: NC NPDES:	I: \$1,065,000 II: \$2,000,000 IIIA: \$0 \$0 IV: \$0 IVB: \$0 V: \$0 ELIG. \$3,065,000
		PROJECT NO.: CS422586-01 PROJ. TYPE: STPMOD PROJECT RATING: 22 PROJECT RANKING: 64 of 80
PROB	Primary system deficiencies include headworks mechanics; aeration tank short circuiting; potential for chlorine gas leaks\exposure; vacuum assisted drying beds frequently need repaired and are an ongoing maintenance problem; the plant must meet the standard for biological nutrient reduction and currently the plant is not designed to do so; and Authority desires to produce Class A biosolids to eliminate the need for costly sludge disposal. Environmental benefits include reduced algae formation promoting a healthy aquatic environment in the Chesapeake Bay.	
PROJ	The proposed upgrades include: 1) rehabilitation of the existing headworks by providing a new mechanical fine screen and upgrading the grit removal system; 2) replacement of the existing chlorine gas disinfection system with UV disinfection; 3) the addition of an Autothermal Thermophilic Aerobic Digestion (ATAD) unit to convert the sludge generated by the plant to a Class A Biosolid; 4) the construction of a new sludge thickener; 5) the replacement of the existing sludge drying beds with a centrifuge; 6) the addition of an odor control system; 7) the addition of a septage receiving station; 8) the conversion of the existing treatment units to achieve biological nutrient reduction of nitrogen and chemical precipitation of phosphorus; 8) additional emergency generation and; 9) other miscellaneous upgrades to complete the plant upgrade project.	

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APPLICANT INFORMATION		NEEDS				PROJECT
Kreamer MA - WWTP Replacement 305 Old 522 Middleburg, PA 17842	COUNTY: Snyder REGION: NC NPDES:	I: \$1,520,000 II: \$0 III A: \$0 \$0	IVA: \$875,000 IVB: \$0 V: \$0 ELIG. \$2,395,000	PROJECT NO.: CS422650-01 PROJ. TYPE: STP SS PROJECT RATING: 22 PROJECT RANKING: 65 of 80		
PROB	Structural integrity of the facility is requiring it to be replaced. The facility is also currently in organic overload and facing projected hydraulic overload.					
PROJ	Approximately 4,000 feet of force main and 700 feet of gravity sewer will be installed to serve Apex Homes. The WWTP will be replaced with a facility to treat 165,000 gpd.					
EBENSBURG BOROUGH MA 300 WEST HIGH ST EBENSBURG, PA 15931	COUNTY: CAMBRIA REGION: SW NPDES: N/A	I: \$4,100,000 II: \$0 III A: \$0 \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. \$4,100,000	PROJECT NO.: CS422658-01 PROJ. TYPE: STPMOD PROJECT RATING: 27 PROJECT RANKING: 66 of 80		
PROB	Hydraulic overloading at treatment facility. Environmental benefits include reducing insufficiently treated sewage sent to the Borough's waterways.					
PROJ	Expansion of existing STP from 1.25 mgd to 2.4 mgd.					
Evans City Borough 204-B South Jackson Street Evans City, PA 16033	COUNTY: Butler REGION: NW NPDES:	I: \$0 II: \$0 III A: \$493,392 \$129,942	IVA: \$755,075 IVB: \$550,791 V: \$0 ELIG. \$1,929,200	PROJECT NO.: CS422690-01 PROJ. TYPE: SSREH SS PROJECT RATING: 20 PROJECT RANKING: 67 of 80		
PROB	Project will extend public sewers to 32 existing homes in three areas with a confirmed onlot malfunction rate of 50%. Project also includes 85 identified areas for repair in the collection/conveyance system to remove extraneous flows. Environmental benefits include reducing insufficiently treated sewage sent to the Borough's waterways during wet weather.					
PROJ	The proposed project will construct approximately 1315 LF of interceptor, 13082 LF of mains including some low pressure sewer associated with the 14 grinder pumps. In addition, the work will include repair or rehabilitation of approximately 8,295 LF of pipe for inflow and infiltration reduction.					

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APPLICANT INFORMATION			NEEDS				PROJECT
WEST LEECHBURG BORO 1015 PLAZAK ST, RD 4 LEECHBURG, PA 15656	COUNTY: WESTMORELA REGION: SW NPDES:	I: II: III A:	\$0 \$0 \$0 \$0	IVA: IVB: V: ELIG.	\$0 \$0 \$865,000 \$865,000	PROJECT NO.: CS422684-01 PROJ. TYPE: SS CSOSEP PROJECT RATING: 20 PROJECT RANKING: 68 of 80	
PROB	The Hillville area of West Leechburg is served by combined sewers that result in the discharge of untreated sewage during rain events. The intense odor problem, which is very offensive, affects all of the residents and anyone who enters the community. The Borough is proposing to separate the sewers to come into compliance with EPA's Combined Sewer Overflow policy. Environmental benefits include improving the water quality of Kiskiminitas River &						
PROJ	Project calls for the installation of 5000 lf of 8 inch and 10 inch diameter sanitary sewers, conversion of the existing sewer lines into storm sewers and the installation of an additional 1200 lf of storm sewer pipe.						
SCRANTON SA 307 NORTH WASHINGTON AVE. SCRANTON, PA 18503	COUNTY: LACKAWANNA REGION: NE NPDES:	I: II: III A:	\$9,406,000 \$0 \$0 \$0	IVA: IVB: V: ELIG.	\$0 \$0 \$0 \$9,406,000	PROJECT NO.: CS422432-01 PROJ. TYPE: STPMOD PROJECT RATING: 20 PROJECT RANKING: 69 of 80	
PROB	The existing WWTP has deteriorated reducing reliability and presenting a safety hazard. Failure of the worn, outdated electrical systems and other critical treatment equipment being replaced as part of this project would result in discharge to the Lackawanna River of some or all of the average 14 million gallons per day of sewage currently treated at the plant. Environmental benefits include eliminating/reducing CSO discharge of untreated sewage to the						
PROJ	Modify the WWTP for Compliance with the Administrative Order between the Scranton Sewer Authority and the Environmental Protection Agency.						

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APPLICANT INFORMATION		NEEDS			PROJECT
Butler Township 415 West Butler Drive Drums, PA 18222	COUNTY: Luzerne REGION: NE NPDES:	I: \$12,620,00 II: \$2,000,000 III A: \$0 \$0	IVA: \$600,000 IVB: \$1,250,000 V: \$0 ELIG. \$16,470,000	PROJECT NO.: CS422659-01 PROJ. TYPE: STPMOD PS INT PROJECT RATING: 19 PROJECT RANKING: 70 of 80	
PROB	N/A Applicant: The wastewater treatment plant is 25 years old and has outlived its 20 year design life. The Drums' facility is organically overloaded, and no connections are allowed until improvements and expansions are made. Project benefits include reducing the discharge of untreated sewage to the				
PROJ	N/A Butler Township: Currently, the Drums facility is rated for 0.4 MGD and St. Johns for 0.6 MGD. Construction of a 1.0 MGD pump station to replace the Drums facility and 9000' of force main and gravity interceptor sewer will convey flow to a proposed upgraded and expanded St. Johns treatment plant to be rated for 2.2 MGD. Also, a 5,400 feet of collection system extensions will be constructed to serve a portion of Hashagen Estates and Drasher Road. The upgrade in capacity at the treatment plant will satisfy the current backlog of subdivisions waiting to be developed and approved. Project benefits include reducing the discharge of untreated sewage to the Township's waterways.				
Warren City - Wastewater System Improvements Project 318 West Third Avenue Warren, PA 16365	COUNTY: Warren REGION: NW NPDES:	I: \$16,018,70 II: \$0 III A: \$0 \$0	IVA: \$0 IVB: \$2,325,296 V: \$0 ELIG. \$18,344,000	PROJECT NO.: CS422679-01 PROJ. TYPE: STPMOD PSMOD PROJECT RATING: 19 PROJECT RANKING: 71 of 80	
PROB	The project addresses inadequate capacity at the WWTP and main pumping stations to handle wet weather flow without overflows directly to the Allegheny River. Compliance wise, it is a needed CSO construction type project. It will allow elimination of the 2 remaining active overflows points.				
PROJ	Design - 3 main components: 1. increase capacity of two pumping stations with active CSOs; 2. additional conveyance system improvements; and 3. expand WWTP from 4.25 MGD to 6.0 MGD.				

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APPLICANT INFORMATION	NEEDS	PROJECT	
Grove City Borough 123 W. Main St, P.O. Box 110 Grove City, PA 16127	COUNTY: Mercer/Butler REGION: NW NPDES: I: \$14,000,00 II: \$0 III A: \$0 \$0	IV A: \$0 IV B: \$0 V: \$0 ELIG. \$14,000,000	PROJECT NO.: CS422281-01 PROJ. TYPE: STPMOD PROJECT RATING: 19 PROJECT RANKING: 72 of 80
PROB	The Borough of Grove City has received numerous request from outlying municipalities for hydraulic capacity at the treatment plant. The existing plant was designed to treat an average dry weather flow of 3.0 MGD and a maximum flow of 5.0 MGD. Overflow facilities allow the treatment plant to handle a peak hydraulic loading of 7.0 MGD. Based on past operation data, the treatment plant will not have the capacity to accept the additional growth in the outlying municipalites after 2011 and overflows may occur. Environmental benefits include eliminating the potential discharge of untreated sewage to		
PROJ	The Borough proposes to expand the plant a 3.7 MGD regional WWTP utilizing the Integrated Fixed Film Activated Sludge (IFAS) process and replace aging equipment at the WWTP.		
Cambria Twp SA - Mylo Park Sanitary 184 Municipal Road, P.O. Box 247 Revloc, PA 15948	COUNTY: Cambria REGION: SW NPDES: I: \$0 II: \$0 III A: \$0 \$1,300,000	IV A: \$0 IV B: \$0 V: \$0 ELIG. \$1,300,000	PROJECT NO.: CS422686-01 PROJ. TYPE: SSREH PROJECT RATING: 17 PROJECT RANKING: 73 of 80
PROB	The Revloc WWTP and pump stations are hydraulically overloaded. I/I has caused two pump stations to overflow to a stream. The Cambria Township Sewer Authority (CTSA) is under order from the PADEP to remove the Mylo Park SSO no later than 2009. The CTSA is currently under a Corrective Action Plan (CAP) to address the WWTP and pump stations hydraulic overloaded conditions. The project will result in eliminating the Mylo Park CSO/SSO. Environmental benefits include reducing insufficiently treated sewage sent to un-named tributary to Black Lick Creek.		
PROJ	Two pump station force mains will be replaced with larger diameter force mains that will increase the capacity of the existing pumping systems. The Revloc WWTP will be re-rated from 0.4 MGD to 0.5 MGD with minor hydraulic modifications to the plant to eliminate the hydraulic overloaded condition at the Revloc WWTP. Install approximately 7,366 l.f. of 8 inch PVC sewer, 1,570 l.f. of 6 inch PVC lateral, and replace force main at the Revloc WWTP.		

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APPLICANT INFORMATION	NEEDS	PROJECT	
Mt Carmel MA - CSO Separation Phase II 121 South Oak Street Mt. Carmel, PA 17851	COUNTY: Northumberland REGION: NC NPDES: I: \$0 II: \$0 III: \$0 III A: \$0	IV: \$0 IVB: \$1,752,238 V: \$2,978,805 ELIG. \$4,731,043	PROJECT NO.: CS422631-01 PROJ. TYPE: INT CSO PROJECT RATING: 16 PROJECT RANKING: 74 of 80
PROB	The current sanitary sewer collection and conveyance system is a combined system with permitted overflows to the Shamokin and Butterut Creek. Both creeks are subject to receiving raw sewage and floatable trash during storm events. Environmental benefits include eliminating the discharge of untreated or insufficiently treated sewage to the Authority's waterways during wet weather.		
PROJ	This project will replace existing interceptor sewer with a larger interceptor sewer and eliminate the remaining combined sewer overflows into Shamokin Creek. In addition, a new storwater pipe within a portion of Mount Carmel Borough will provide separation of the sanitary sewer system within the Borough.		
Chadds Ford Twp Ring Road Chadds Ford, PA 19317	COUNTY: Delaware REGION: SE NPDES: I: \$0 II: \$0 III: \$0 III A: \$0	IV: \$1,400,000 IVB: \$0 V: \$0 ELIG. \$1,400,000	PROJECT NO.: CS422634-01 PROJ. TYPE: SS PROJECT RATING: 16 PROJECT RANKING: 75 of 80
PROB	The project will eliminate the use of failed on-lot septic systems. Environmental benefits include eliminating the discharge of untreated sewage to the Borough's waterways during wet weather.		
PROJ	The Pennvest Funded project will finance the construction of the collection system to serve the Village of Chadds Ford. The project also entails the construction of a low pressure force main (13,760 LF including the collection system) from the Village to the newly constructed 140,000 gpd STP.		

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APPLICANT INFORMATION	NEEDS	PROJECT
Lansford Boro - Phase IV Storm Sewer Separation -CSO Project P.O. Box 126 Lansford, PA 18232	COUNTY: Carbon REGION: NE NPDES:	I: \$0 II: \$0 III: \$0 IV: \$0 IVA: \$0 IVB: \$0 V: \$2,936,000 ELIG: \$2,936,000
		PROJECT NO.: CS422654-01 PROJ. TYPE: SS INT PROJECT RATING: 14 PROJECT RANKING: 76 of 80
PROB	Excessive stormwater from combined sewer outfalls CSO-1 and CSO-4 flow into Panther Creek. For a one-year storm event, this could result in removing approximately 112 cfs (rate of 72 mgd) from CSO-1 and approximately 51 cfs (rate of 33 mgd) from CSO-4. The reduced number of overflow events and flow will lessen the impact on the existing wastewater treatment facility which currently is hydraulically overloaded during wet weather. Additionally, this project will have health benefits. By eliminating existing catch basins that presently are connected to the sewer system odor problems will be reduced as well as vector access from the catch basins. Environmental benefits include reducing insufficiently treated sewage sent to the Borough's waterways.	
PROJ	The existing Lansford sewer system is a combined sewer system with six combined sewer outfalls (CSO). The purpose of this project is to remove as much stormwater as feasible from the CSO system to reduce the number of overflow events and magnitude of overflow into Panther Creek from CSO-1 and CSO-4. To achieve this goal, the Borough is proposing to construct separate stormwater collection and conveyance systems: one down Tunnel St. and the second down Walnut St. consisting generally of 150 ft. 3'X 5' box culvert, 400 ft. of 42" diameter pipe, 2150 ft. of 36" pipe, 790 ft of 30" pipe, 350 ft of 24" pipe, 3000 ft of 18" pipe, 60 inlets, 33 manholes, 2 state highway crossings, 2 railroad crossings, 2 stream outfalls, miscellaneous utility relocations, associated trench restoration and 800 ft of low flow channel construction in the Patterson Street stone culvert to convey reduced sewage flow.	
West cornwall Twp MA - Mine Road Sanitary Sewer System 73 South Zinns Mill Road Lebanon, PA 17042	COUNTY: Lebanon REGION: SC NPDES:	I: \$0 II: \$0 III: \$0 IV: \$0 IVA: \$1,644,021 IVB: \$0 V: \$0 ELIG: \$1,644,021
		PROJECT NO.: CS422632-01 PROJ. TYPE: SS PS PROJECT RATING: 13 PROJECT RANKING: 77 of 80
PROB	Inadequate septic drain fields have been causing many residences of the community malfunctioning onlot disposal systems. Environmental benefits include eliminating well water contamination.	
PROJ	Install about 11,000 LF of gravity sewer, 3800 LF of force main.	

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APPLICANT INFORMATION		NEEDS			PROJECT
Cochranton Boro - Sewage Facilities 109 East Adams Street, P.O. Box 66 Cochranton, PA 16314	COUNTY: Crawford REGION: NW NPDES:	I: \$0 II: \$2,090,000 III A: \$0 \$0	IVA: \$6,400,000 IVB: \$0 V: \$0 ELIG. \$8,490,000	PROJECT NO.: CS422648-01 PROJ. TYPE: STP PS SS PROJECT RATING: 13 PROJECT RANKING: 78 of 80	
PROB	Malfunctioning onlot systems including cesspools were identified during the Act 537 Planning process (surveyed 38% of 215 onlot systems).				
PROJ	The project proposes construction of approximately 49,000 linear feet of gravity sewer, 4 sewage lift stations, 4700 linear feet of lift station forcemain, 4700 linear feet of low pressure sewer, and a 175,000 gallon per day sewage treatment facility. Design project previously funded for this construction project.				
Saint Clair Sewer Authority - WWTF Improvements Project 16 South Third Street Saint Clair, PA 17970	COUNTY: Schuylkill REGION: NE NPDES:	I: \$2,600,000 II: \$0 III A: \$0 \$0	IVA: \$0 IVB: \$0 V: \$0 ELIG. \$2,600,000	PROJECT NO.: CS422652-01 PROJ. TYPE: STPMOD PROJECT RATING: 10 PROJECT RANKING: 79 of 80	
PROB	The 30 year old facility needs upgraded. Wet weather bypassing is occurring. Environmental benefits include reducing insufficiently treated sewage sent to the Authority's waterways during wet weather.				
PROJ	Specific items to be addressed through this project include upgrades to the headworks equipment and operations, replacement of the raw sewage pumps, aeration tank blower, waste activated sludge pumps, and primary sludge pumps. Also included is the project is the addition of sludge transfer pumps, a rotary press and sludge dryer, and replacement of the motor control center and utility water pumps.				

**PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY AND DEPARTMENT OF ENVIRONMENTAL PROTECTION
 CLEAN WATER STATE REVOLVING FUND
 FY 2009 AND FY 2010 PROJECT PRIORITY LIST**

APPLICANT INFORMATION		NEEDS			PROJECT	
Franklin Township	COUNTY: Adams	I:	\$0	IVA:	\$4,410,000	PROJECT NO.: CS422676-01
	REGION: SC	II:	\$2,300,000	IVB:	\$690,000	PROJ. TYPE: SS PS STP
	NPDES:	IIIA:	\$0	V:	\$0	PROJECT RATING: 0
			\$0	ELIG.	\$7,400,000	PROJECT RANKING: 80 of 80
PROB	<p>Almost 70% of the verified properties surveyed have at least a potential OLDS malfunctions with nearly 30% being categorized as confirmed. The unverified surveys indicate that nearly 82% have at least a potential OLDS malfunction. Over 52% of the well samples tested positive for coliforms with 14% overall of those also indicating fecal coliform contamination as well. Nitrate-nitrogen was present at concentrations greater than 5 mg/l for 30% of the samples and 4% of the samples exceeded PA DEP maximum contaminant levels (MCLs) for community water systems of 10 mg/l for drinking water. The results of the technical analysis parallel the existent problems observed in the Cashtown and McKnightstown areas as well having to do with a high population density and small lot size. Project benefits include providing well water of drinking water quality for many people in the Township.</p>					
PROJ	<p>Approximately 50,000 L.F. of sewer pipe will be installed to collect sewage. An influent lift station will be designed to handle a maximum of 400 gpm to handle peak flows. The SBR treatment process will be designed for an average flow of 0.200 MGD with sustained peak flows of 0.500 MGD and a design organic capacity of 459 pounds per day. Sludge storage and digestion capacity of 144,000 gallons will be provided.</p>					