

MS4 Requirements Table (Municipal)

Anticipated Obligations for Subsequent NPDES Permit Term

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Adams County						
ABBOTTSTOWN BORO		No		Beaver Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BERWICK TWP		No		Beaver Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BUTLER TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CONEWAGO TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to South Branch Conewago Creek		
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Plum Creek	Appendix E-Siltation (5)	
CUMBERLAND TWP		No		Unnamed Tributaries to Rock Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Rock Creek	Appendix E-Nutrients (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Willoughby Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
GETTYSBURG BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to Rock Creek	Appendix E-Siltation (5)	
				Rock Creek	Appendix E-Nutrients (5)	
				Stevens Run	Appendix E-Nutrients, Siltation (5)	
HAMILTON TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Water/Flow Variability (4c)
				Beaver Creek	Appendix E-Siltation (5)	
MCSHERRYSTOWN BORO		No		Plum Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	
MOUNT PLEASANT TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NEW OXFORD BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

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Adams County						
OXFORD TWP		No		Unnamed Tributaries to South Branch Conewago Creek		Flow Alterations, Other Habitat Alterations (4c)
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
STRABAN TWP		No		White Run	Appendix E-Nutrients, Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Rock Creek	Appendix E-Nutrients (5)	
UNION TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	

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Allegheny County						
ALEPPO TWP	PAG136348	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
ASPINWALL BORO	PAG136259*	No		Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
AVALON BORO	PAG136151	No		Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BALDWIN BORO	PAG136128	No		Glass Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BALDWIN TWP	PAG136115	Yes	TMDL Plan	Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
					TMDL Plan-Siltation (4a)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
BELL ACRES BORO	PAI136124*	Yes	W-I	Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BELLEVUE BORO	PAG136216	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
BEN AVON BORO	PAG136292	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
BEN AVON HEIGHTS BORO	PAG136237*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	

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Allegheny County						
BETHEL PARK BORO	PAG136147	Yes	TMDL Plan	Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Unnamed Tributaries to Painters Run		Turbidity (5)
				Sleepy Hollow Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				McLaughlin Run	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c), Turbidity (5)
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Graesers Run	Appendix E-Siltation (5)	Turbidity (5)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Catfish Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Brush Run (Washington)	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation, Suspended Solids, Turbidity (4a)	
				Brush Run		Other Habitat Alterations (4c)
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)					
BLAWNOX BORO	PAG136123	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
BRACKENRIDGE BORO	PAG136148	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
BRADDOCK HILLS BORO	PAG136257	No		Turtle Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BRADFORD WOODS BORO	PAG136263	No		Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Brush Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)

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Allegheny County						
BRENTWOOD BORO	PAG136271	Yes	TMDL Plan	Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
BRIDGEVILLE BORO	PAG136203	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Unnamed Tributaries to Painters Run		Turbidity (5)
				McLaughlin Run	Appendix C-Chlordane, PCB (4a), Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
CARNEGIE BORO	PAG136188	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Unnamed Tributaries to Chartiers Creek	Appendix E-Siltation (4a)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
CASTLE SHANNON BORO	PAG136117	Yes	TMDL Plan	Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
CHALFANT BORO	PAG136190	No		Turtle Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
CHESWICK BORO	PAG136322	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
CHURCHILL BORO	PAG136225	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run	Appendix E-Siltation (5)	
				Chalfant Run	Appendix E-Siltation (5)	
				Thompson Run	Appendix A-Metals, pH (4a)	
				Turtle Creek	Appendix E-Siltation (5)	

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Allegheny County						
CLAIRTON CITY	PAG136287	No		Unnamed Tributaries to Monongahela River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
COLLIER TWP	PAG136204	No		Unnamed Tributaries to Chartiers Creek	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
				Unnamed Tributaries to Painters Run		Turbidity (5)
				Thoms Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				McLaughlin Run	Appendix C-Chlordane, PCB (4a), Appendix E-Siltation (5)	Turbidity (5)
				Robinson Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	TDS (5)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
CORAOPOLIS BORO	PAG136162	No		McCabe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Montour Run	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Nonpriority Organics, Un-ionized Ammonia (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
CRAFTON BORO	PAG136220*	No		Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
					Appendix A-Metals, pH (4a)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
CRESCENT TWP	PAG136127	No		Spring Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Shouse Run	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
DORMONT BORO	PAG136284	Yes	TMDL Plan	Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
					TMDL Plan-Siltation (4a)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run		Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

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Allegheny County						
DRAVOSBURG BORO	PAG136185	No		Monongahela River	Appendix C-PCB (4a)	
DUQUESNE CITY	PAG136194	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Thompson Run	Appendix A-Metals (4a)	
EAST DEER TWP	PAG136229	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
EAST MCKEESPORT BORO	PAG136276	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
EDGEWOOD BORO	PAG136264	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	Nonpriority Organics, Un-ionized Ammonia (5), Water/Flow Variability (4c)
				Ninemile Run		
EDGEWORTH BORO	PAI136103	Yes	SP, IP	Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	Cause Unknown (5)
				Little Sewickley Creek		
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
ELIZABETH BORO	PAG136191	No		Monongahela River	Appendix C-PCB (4a)	
				Fallen Timber Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
ELIZABETH TWP	PAG136207	No		Gillespie Run	Appendix A-Metals (5)	
				Fallen Timber Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Wylie Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Youghiogheny River	Appendix A-Metals (5)	
EMSWORTH BORO	PAG136314	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
ETNA BORO	PAG136269	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
FAWN TWP	PAG136215*	No		Little Bull Creek	Appendix E-Siltation (5)	

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Allegheny County						
FINDLAY TWP	PAG136131	No		Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				McClarens Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Montour Run	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Nonpriority Organics, Un-ionized Ammonia (5)
				North Fork Montour Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Raccoon Creek	Appendix B-Pathogens (5)	
				South Fork Montour Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
FOREST HILLS BORO	PAG136239	No		Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
				Turtle Creek	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
FORWARD TWP	PAG136363	No		Unnamed Tributaries to Monongahela River	Appendix A-Metals (5)	
				Beckets Run	Appendix A-Metals (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Perry Mill Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Sunfish Run	Appendix A-Metals (5)	
				Unnamed Tributaries to Beckets Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Gillespie Run	Appendix A-Metals (5)	
FOX CHAPEL BORO	PAI136102	Yes	SP, IP	Squaw Run	Appendix C-Pesticides (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Squaw Run	Appendix E-Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
FRANKLIN PARK BORO	PAG136175	No		Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Fish Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
FRAZER TWP	PAG136273	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	

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Allegheny County						
GLASSPORT BORO	PAG136312*	No		Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
GLEN OSBORNE BORO	PAG136372*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
GLENFIELD BORO	PAG136336	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
GREEN TREE BORO	PAG136268	No		Unnamed Tributaries to Sawmill Run	Appendix E-Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run	Appendix E-DO/BOD, Nutrients (4a)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
HAMPTON TWP	PAG136281	No		Little Pine Creek	Appendix B-Pathogens (5)	
				McCaskin Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
				Montour Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Gourdhead Run	Appendix B-Pathogens (5)	
				Crouse Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Flow Alterations, Other Habitat Alterations (4c), TDS, Turbidity (5)
HARMAR TWP	PAG136354	No		Little Deer Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
HARRISON TWP	PAG136177	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
HAYSVILLE BORO	PAG136168*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
HEIDELBERG BORO	PAG136240	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)

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Allegheny County						
HOMESTEAD BORO	PAG136199	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				West Run	Appendix A-pH (5), Appendix E-Siltation (5)	
INDIANA TWP	PAI136101	Yes	SP, IP	Cunningham Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
				Blue Run	Appendix E-Nutrients, Siltation (5)	
				Little Deer Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Flow Alterations, Other Habitat Alterations (4c), TDS, Turbidity (5)
				Unnamed Tributaries to Long Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Squaw Run	Appendix C-Pesticides (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
INGRAM BORO	PAG136261	No		Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
					TMDL Plan-Siltation (4a)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
JEFFERSON HILLS BORO	PAG136285	No		Monongahela River	Appendix C-PCB (4a)	
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Unnamed Tributaries to Lobbs Run	Appendix A-Metals, pH (5)	
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Beam Run		Cause Unknown (5)
				Lewis Run	Appendix B-Pathogens (5)	Cause Unknown (5)
KENNEDY TWP	PAG136110	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Traverse Creek	Appendix E-Siltation (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Moon Run	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Moon Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix A-Metals (5), Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
KILBUCK TWP	PAG136373*	No		Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
LEET TWP	PAI136108	Yes	SP, IP	Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Little Sewickley Creek		Cause Unknown (5)
LEETSDALE BORO	PAI136113	Yes	SP, IP	Little Sewickley Creek		Cause Unknown (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
LIBERTY BORO	PAG136192	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
LINCOLN BORO	PAG136338	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Wylie Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MARSHALL TWP	PAG136306	No		Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Brush Creek	Appendix E-Organic Enrichment/Low D.O. (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
MCCANDLESS TWP	PAG136140	No		Rinaman Run	Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Oil and Grease (5), Other Habitat Alterations (4c)
				Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MCKEES ROCKS BORO	PAG136375	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
MCKEESPORT CITY	PAG136370*	No		Unnamed Tributaries to Long Run	Appendix A-Metals (5)	
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Crooked Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
MILLVALE BORO	PAG136150	No		Girtys Run	Appendix E-Nutrients (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
MONROEVILLE BORO	PAG136176	Yes	SP	Piersons Run	Appendix E-Siltation (5)	
				Abers Creek		Flow Alterations (4c)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Thompson Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation (5)	
				Leak Run	Appendix E-Siltation (5)	
MOON TWP	PAG136274	No		McCabe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Spring Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				McClarens Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Montour Run	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Nonpriority Organics, Un-ionized Ammonia (5)
MT LEBANON TWP	PAG136275	Yes	TMDL Plan	Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
					TMDL Plan-Siltation (4a)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Scrubgrass Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
MT OLIVER BORO	PAG136242	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
MUNHALL BORO	PAG136142	No		Homestead Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				West Run	Appendix A-pH (5), Appendix E-Siltation (5)	
NEVILLE TWP	PAG136121	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
NORTH BRADDOCK BORO	PAG136201	No		Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Turtle Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
NORTH FAYETTE TWP	PAG136267	No		Robinson Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Cause Unknown, TDS (5)
				Pinkertons Run		Cause Unknown (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Montour Run	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Nonpriority Organics, Un-ionized Ammonia (5)
				Fink Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
NORTH VERSAILLES TWP	PAI136116	Yes	SP, IP	Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Crooked Run	Appendix E-Siltation (5)	
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Brush Creek	Appendix E-Siltation (5)	
OAKDALE BORO	PAG136310	No		Robinson Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Cause Unknown, TDS (5)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
OAKMONT BORO	PAG136238	No		Plum Creek	Appendix A-Metals (4a)	Oil and Grease (5)
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
OHARA TWP	PAI136128	Yes	SP, IP	Squaw Run	Appendix C-Pesticides (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Powers Run	Appendix A-Metals (5)	Oil and Grease (5)
				Little Pine Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Squaw Run	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
OHIO TWP	PAG136208	No		Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
PENN HILLS TWP	PAG136174	No		Sandy Creek	Appendix E-Nutrients (5)	Chlorine (5)
				Duffs Run	Appendix E-Siltation (5)	
				Indian Creek	Appendix A-Metals (5)	Oil and Grease (5)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
				Chalfant Run	Appendix E-Siltation (5)	
				Quigley Creek	Appendix E-Nutrients (5)	
				Thompson Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Turtle Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Plum Creek		Other Habitat Alterations (4c)
				Shades Run	Appendix E-Nutrients (5)	
Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation (5)	Oil and Grease (5)				
PENNSBURY VILLAGE BORO	PAG136113*	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Chartiers Creek	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
PINE TWP	PAG136152	No		Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Brush Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Kaufman Run	Appendix E-Siltation (5)	
				North Fork Pine Creek	Appendix B-Pathogens (5)	
				Rinaman Run	Appendix B-Pathogens (5)	
				Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
Montour Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)					
PITCAIRN BORO	PAG136118*	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
PITTSBURGH CITY	PAI136133	Yes	TMDL Plan, IP	Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Allegheny River	Appendix E-Nutrients (5)	
				Shades Run	Appendix E-Nutrients (5)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
					Appendix A-Metals, pH (4a)	
				Sawmill Run	Appendix E-DO/BOD, Nutrients, Organic Enrichment/Low D.O. (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ninemile Run		Nonpriority Organics, Un-ionized Ammonia (5), Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
Glass Run	Appendix A-Metals (4a), Appendix E-Siltation (5)					
PLEASANT HILLS BORO	PAG136303	No		Lewis Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Monongahela River	Appendix C-PCB (4a)	
PLUM BORO	PAG136143	Yes	SP	Pucketa Creek	Appendix E-Siltation (5)	
				Abers Creek		Flow Alterations (4c)
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Little Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients (5)	Oil and Grease (5)
				Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation (5)	Oil and Grease (5)
				Thompson Run	Appendix A-Metals, pH (4a)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Little Plum Creek	Appendix A-pH (4a)	
				Unnamed Tributaries to Thompson Run	Appendix E-Siltation (5)	
Piersons Run	Appendix E-Siltation (5)					
PORT VUE BORO	PAG136183	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
RANKIN BORO	PAG136279*	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
RESERVE TWP	PAG136149	No		Girtys Run	Appendix E-Nutrients (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Allegheny River	Appendix E-Nutrients (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
RICHLAND TWP	PAG136309	No		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				West Branch Deer Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c), Turbidity (5)
				Montour Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Glade Run	Appendix E-Nutrients, Siltation (5)	
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Flow Alterations, Other Habitat Alterations (4c), TDS, Turbidity (5)
				Crouse Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
ROBINSON TWP	PAG136161	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Montour Run	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Nonpriority Organics, Un-ionized Ammonia (5)
				Unnamed Tributaries to Moon Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Chartiers Creek	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Moon Run	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
ROSS TWP	PAG136221	No		Unnamed Tributaries to Little Pine Creek	Appendix E-Nutrients (5)	
				Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				McKnight Run	Appendix E-Nutrients (5)	Oil and Grease (5), Other Habitat Alterations (4c)
				Little Pine Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Nelson Run	Appendix E-Nutrients (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
Girtys Run	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Oil and Grease (5), Other Habitat Alterations (4c)				
ROSSLYN FARMS BORO	PAG136255*	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
SCOTT TWP	PAG136138	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Scrubgrass Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SEWICKLEY BORO	PAG136165	No		Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SEWICKLEY HILLS BORO	PAI136132*	Yes	W-I	Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SHALER TWP	PAG136146	No		Little Pine Creek	Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Pine Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SOUTH FAYETTE TWP	PAG136282	No		Unnamed Tributaries to Thoms Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				Thoms Run	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Millers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients (5)	Cause Unknown, TDS, Turbidity (5)
				Fishing Run		TDS, Turbidity (5)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Dolphin Run		TDS, Turbidity (5)
				Coal Run	Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	Turbidity (5)
				Unnamed Tributaries to Coal Run	Appendix E-Organic Enrichment/Low D.O. (5)	
				Robinson Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Cause Unknown, TDS (5)
Unnamed Tributaries to Chartiers Creek	Appendix E-Nutrients (5)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
SOUTH PARK TWP	PAG136291	No		Catfish Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
				Sleepy Hollow Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
				Monongahela River	Appendix C-PCB (4a)	
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
SOUTH VERSAILLES TWP	PAG136136	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
SPRINGDALE BORO	PAG136163	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
SPRINGDALE TWP	PAG136153	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
STOWE TWP	PAG136366	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Unnamed Tributaries to Ohio River	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SWISSVALE BORO	PAG136200	No		Ninemile Run		Nonpriority Organics, Un-ionized Ammonia (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
TARENTUM BORO	PAG136248	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
THORNBURG BORO	PAG136241*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
TURTLE CREEK BORO	PAG136196*	No		Sawmill Run	Appendix E-Siltation (5)	
				Thompson Run	Appendix A-Metals, pH (4a)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
UPPER ST CLAIR TWP	PAG136270	Yes	TMDL Plan	Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Brush Run		Other Habitat Alterations (4c)
				Graesers Run	Appendix E-Nutrients, Siltation (5)	Turbidity (5)
				Brush Run (Washington)	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation, Suspended Solids, Turbidity (4a)	
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				McLaughlin Run	Appendix C-Chlordane, PCB (4a), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c), Turbidity (5)
VERONA BORO	PAG136323	No		Plum Creek	Appendix A-Metals (4a)	Oil and Grease (5)
				Indian Creek	Appendix A-Metals (5)	Oil and Grease (5)
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
VERSAILLES BORO	PAG136230	No		Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
WALL BORO	PAG136243	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
WEST DEER TWP	PAG136217	No		Cunningham Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Little Deer Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Flow Alterations, Other Habitat Alterations (4c), TDS, Turbidity (5)
				Dawson Run	Appendix E-Nutrients, Siltation (5)	TDS (5)
				West Branch Deer Creek	Appendix E-Nutrients, Siltation (5)	
WEST ELIZABETH BORO	PAG136324*	No		Monongahela River	Appendix C-PCB (4a)	
WEST HOMESTEAD BORO	PAG136307	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				West Run	Appendix A-pH (5), Appendix E-Siltation (5)	
WEST MIFFLIN BORO	PAG136166	No		Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Lewis Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Thompson Run	Appendix A-Metals (4a)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Homestead Run	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
WEST VIEW BORO	PAG136195	No		Lowries Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients (5)	Oil and Grease (5), Other Habitat Alterations (4c)
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
WHITAKER BORO	PAG136278	No		Homestead Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
WHITE OAK BORO	PAI136104	Yes	SP, IP	Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Crooked Run	Appendix E-Siltation (5)	
WHITEHALL BORO	PAG136222	Yes	TMDL Plan	Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
WILKINS TWP	PAG136122	No		Turtle Creek	Appendix E-Siltation (5)	
				Thompson Run	Appendix A-Metals, pH (4a)	
				Sawmill Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Chalfant Run	Appendix E-Siltation (5)	
WILKINSBURG BORO	PAG136197	No		Chalfant Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Thompson Run	Appendix A-Metals, pH (4a)	
				Turtle Creek	Appendix E-Siltation (5)	
WILMERDING BORO		No		Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Armstrong County						
APOLLO BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
FREEPORT BORO	PAG136374	No		Buffalo Creek		Cause Unknown (5)
				Unnamed Tributaries to Buffalo Creek	Appendix E-Siltation (5)	
GILPIN TWP		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Brady Run	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
KISKIMINETAS TWP		No		Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
				Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
LEECHBURG BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Brady Run	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
NORTH APOLLO BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
PARKS TWP		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
SOUTH BUFFALO TWP	PAG136226*	No		Buffalo Creek		Cause Unknown (5)
				Big Run	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Beaver County						
ALQUIPPA CITY	PAG136334	No		Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
AMBRIDGE BORO	PAG136172	No		Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BADEN BORO	PAG136304	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BEAVER BORO	PAG136171	No		Twomile Run	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BEAVER FALLS CITY	PAG136234	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BIG BEAVER BORO	PAG136157*	No		Beaver River	Appendix C-PCB (4a), Appendix C-PCB (5)	
BRIDGEWATER BORO	PAG136228*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BRIGHTON TWP	PAG136159	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Bradys Run Lake	Appendix E-Nutrients (5)	Un-ionized Ammonia (5)
				Twomile Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
CENTER TWP	PAG136272	No		Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Rag Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
CHIPPEWA TWP	PAI136106	Yes	SP, IP	Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brady Run	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
CONWAY BORO	PAG136209	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Beaver County						
DARLINGTON BORO	PAI136138	Yes	W-I		No known water quality impairments at this time. Must comply with all other permit requirements.	
DARLINGTON TWP	PAG136170*	Yes	SP	Unnamed Tributaries to North Fork Little Beaver Creek	Appendix E-Siltation (5)	
				McCautry Run	Appendix E-Organic Enrichment/Low D.O. (5)	
DAUGHERTY TWP	PAG136158	No		Blockhouse Run	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
EAST ROCHESTER BORO	PAG136293*	No		Lacock Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
EASTVALE BORO	PAG136346*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
ECONOMY BORO	PAG136266	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
FALLSTON BORO	PAG136169*	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
FRANKLIN TWP	PAG136317	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
FREEDOM BORO	PAG136154	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
HARMONY TWP	PAG136173	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
HOMEWOOD BORO	PAG136313*	No		Beaver River	Appendix C-PCB (4a), Appendix C-PCB (5)	
				Clarks Run	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Beaver County						
HOPEWELL TWP	PAG136178	No		Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Raccoon Creek	Appendix B-Pathogens (5)	
				Trampmill Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Raccoon Creek	Appendix E-Siltation (4a)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
INDUSTRY BORO	PAG136325	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
KOPPEL BORO	PAG136295*	No		Beaver River	Appendix C-PCB (5)	
MONACA BORO	PAG136371*	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
NEW BRIGHTON BORO	PAG136124	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Blockhouse Run	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
NEW SEWICKLEY TWP	PAG136280	No		Connoquenessing Creek	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brush Creek	Appendix E-Organic Enrichment/Low D.O. (4a), Appendix B-Pathogens (5)	
NORTH SEWICKLEY TWP	PAG136308	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
PATTERSON HEIGHTS BORO	PAG136335*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
PATTERSON TWP	PAG136289	No		Unnamed Tributaries to Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brady Run	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Beaver County						
POTTER TWP	PAG136368*	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Rag Run	Appendix E-Siltation (5)	
PULASKI TWP	PAG136156	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Blockhouse Run	Appendix E-Siltation (5)	
ROCHESTER BORO	PAG136155	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				McKinley Run	Appendix E-Suspended Solids (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
ROCHESTER TWP	PAG136298	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
				Lacock Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				McKinley Run	Appendix E-Suspended Solids (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SOUTH BEAVER TWP	PAI136111	Yes	SP, W-I		No known water quality impairments at this time. Must comply with all other permit requirements.	
SOUTH HEIGHTS BORO	PAG136367*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
VANPORT TWP	PAG136144	No		Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Twomile Run	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
WEST MAYFIELD BORO	PAG136260	No		Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
WHITE TWP	PAG136296	No		Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Berks County						
ALSACE TWP	PAG133501	No		Bernhart Creek		TDS (4a)
				Unnamed Tributaries to Schuylkill River		Other Habitat Alterations, Water/Flow Variability (4c), TDS (4a)
				Antietam Creek	Appendix B-Pathogens (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Laurel Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
AMITY TWP	PAG133511	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River		Cause Unknown (5)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
BALLY BORO	PAG133502	No		Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
BECHTELSVILLE BORO	PAI133509	Yes	SP, IP	Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
BERN TWP	PAG133531	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Plum Creek	Appendix C-Pesticides (5)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Nutrients, Siltation (5)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Irish Creek	Appendix E-Siltation (5)	
BIRDSBORO BORO	PAG133530	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
BOYERTOWN BORO	PAG133529	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
BRECKNOCK TWP	PAI133508	Yes	SP, IP	Little Muddy Creek	Appendix E-Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CENTERPORT BORO		No		Irish Creek	Appendix E-Siltation (5)	
				Plum Creek	Appendix E-Siltation (5)	
CENTRE TWP	PAG133667*	Yes	TMDL Plan	Plum Creek	Appendix E-Siltation (5)	
				Irish Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
COLEBROOKDALE TWP	PAG133528	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Berks County						
CUMRU TWP	PAI133507	Yes	TMDL Plan, SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Wyomissing Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Wyomissing Creek		Flow Alterations (4c)
DOUGLASS TWP	PAG133574*	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
EARL TWP	PAG133575	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
EXETER TWP	PAG133516	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Trout Run	Appendix E-Siltation (5)	
				Antietam Creek	Appendix B-Pathogens (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Antietam Creek	Appendix E-Siltation (5)	
FLEETWOOD BORO	PAG133517	No		Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
HAMBURG BORO		No		Unnamed Tributaries to Schuylkill River		Water/Flow Variability (4c)
HEIDELBERG TWP	PAG133504	No		Unnamed Tributaries to Tulpehocken Creek		Cause Unknown (5)
				Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
HEREFORD TWP		Yes	SP	Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Little Lehigh Creek	Appendix E-Siltation (5)	
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
				Perkiomen Creek	Appendix E-Nutrients, Siltation (5)	Thermal Modifications (5)
KENHORST BORO	PAG133515	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
LAURELDALE BORO	PAG133518	Yes	TMDL Plan	Bernhart Creek TMDL	Appendix A-Metals (4a)	TDS (4a)
				Laurel Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
LEESPORT BORO	PAG133527	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River		Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Berks County						
LONGSWAMP TWP	PAI133512*	Yes	SP, W-I	Unnamed Tributaries to Little Lehigh Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
LOWER ALSACE TWP	PAG133519	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River		Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Antietam Creek	Appendix B-Pathogens (5)	
LOWER HEIDELBERG TWP	PAG133520	No		Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Spring Creek	Appendix E-Nutrients, Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Little Cacoosing Creek	Appendix E-Nutrients, Siltation (4a)	
MAIDENCREEK TWP	PAG133521	Yes	SP	Schuylkill River	Appendix C-PCB (4a)	
				Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Lake Ontelaunee TMDL	TMDL Plan-Nutrients, Suspended Solids (4a)	
				Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Flow Alterations (4c)
MARION TWP	PAG133514*	No		Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Little Swatara Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O. (4a)	
MOHNTON BORO	PAI133500	Yes	TMDL Plan, SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Wyomissing Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Wyomissing Creek		Flow Alterations (4c)
MT PENN BORO	PAG133513	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Antietam Creek	Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Berks County						
MUHLENBERG TWP	PAG133522	Yes	TMDL Plan	Bernhart Creek		TDS (4a)
				Laurel Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Schuylkill River		Other Habitat Alterations, Water/Flow Variability (4c), TDS (4a)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
OLEY TWP	PAG133580	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
ONTELAUNEE TWP	PAI130024	Yes	TMDL Plan, SP, IP	Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Flow Alterations (4c)
				Lake Ontelaunee TMDL	TMDL Plan-Nutrients, Suspended Solids (4a)	
PERRY TWP		No		Schuylkill River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
READING CITY	PAI133501	Yes	TMDL Plan, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River		Other Habitat Alterations, Water/Flow Variability (4c), TDS (4a)
				Tulpehocken Creek	Appendix E-Nutrients (5)	
RICHMOND TWP	PAG133524	No		Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
ROBESON TWP	PAG133525	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
ROBESONIA BORO	PAG133510	No		Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
ROCKLAND TWP		No			No known water quality impairments at this time. Must comply with all other permit requirements.	
RUSCOMBMANOR TWP	PAG133668*	No		Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Berks County						
SHILLINGTON BORO	PAI133502	Yes	TMDL Plan, SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wyomissing Creek		Water/Flow Variability (4c)
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
SHOEMAKERSVILLE BORO		Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
SINKING SPRING BORO	PAG133509	No		Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
SOUTH HEIDELBERG TWP	PAG133709	No		Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Spring Creek	Appendix E-Nutrients, Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Manor Creek	Appendix E-Nutrients, Siltation (4a)	
				Little Cacoosing Creek	Appendix E-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)					
SPRING TWP	PAI133503	Yes	TMDL Plan, SP, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Wyomissing Creek		Water/Flow Variability (4c)
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Little Muddy Creek	Appendix E-Siltation (5)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)				
ST LAWRENCE BORO	PAG133508	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Antietam Creek	Appendix B-Pathogens (5)	
TILDEN TWP		No		Schuylkill River	Appendix C-PCB (4a)	
				Hassler Run	Appendix B-Pathogens (5)	
				Mill Creek	Appendix B-Pathogens (5)	
TOPTON BORO		Yes	SP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Little Lehigh Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Berks County						
TULPEHOCKEN TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Swatara Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
UNION TWP	PAG133526	Yes	TMDL Plan, SP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
WASHINGTON TWP	PAI133518	Yes	SP, IP	Unnamed Tributaries to Swamp Creek		Flow Alterations, Water/Flow Variability (4c)
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
				Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
WERNERSVILLE BORO	PAG133506	No		Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Little Cacoosing Creek	Appendix E-Nutrients, Siltation (4a)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Manor Creek	Appendix E-Nutrients, Siltation (4a)	
WEST READING BORO	PAI133504	Yes	TMDL Plan, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
WINDSOR TWP		No		Unnamed Tributaries to Schuylkill River	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
WOMELSDORF BORO	PAI133522	Yes	SP, IP	Unnamed Tributaries to Tulpehocken Creek		Cause Unknown (5)
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
WYOMISSING BORO	PAI133506	Yes	TMDL Plan, SP, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Wyomissing Creek		Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Blair County						
ALLEGHENY TWP	PAG133693	No		Unnamed Tributaries to Frankstown Branch Juniata River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Burgoon Run	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Spencer Run	Appendix E-Siltation (5)	
				Sugar Run	Appendix A-Metals, pH (4a)	
ALTOONA CITY	PAG133662	Yes	TMDL Plan	Burgoon Run	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Mill Run	Appendix E-Siltation (5)	
				Little Juniata River	Appendix B-Pathogens (5)	
				Little Juniata River Watershed	TMDL Plan-Organic Enrichment/Low D.O., Siltation (4a)	Cause Unknown (4a)
ANTIS TWP	PAI133521	Yes	TMDL Plan, SP, IP	Little Juniata River	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Juniata River Watershed	TMDL Plan-Organic Enrichment/Low D.O., Siltation (4a)	Cause Unknown (4a)
BELLWOOD BORO	PAG133664	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BLAIR TWP	PAG133597	No		Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DUNCANSVILLE BORO	PAG133585	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
FRANKSTOWN TWP	PAG133661	No		Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Frankstown Branch Juniata River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Blair County						
FREEDOM TWP	PAI133520	Yes	IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
HOLLIDAYSBURG BORO	PAG133628	No		Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
JUNIATA TWP	PAG133631	No		Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOGAN TWP	PAG133659	Yes	TMDL Plan, SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Little Juniata River Watershed	TMDL Plan-Organic Enrichment/Low D.O., Siltation (4a)	Cause Unknown (4a)
				Little Juniata River	Appendix B-Pathogens (5)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Mill Run	Appendix E-Siltation (5)	
NEWRY BORO	PAG133604*	No		Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
BEDMINSTER TWP		No		Delaware River		Mercury (5)
				Deep Run	Appendix E-Nutrients, Siltation (5)	
BENSALEM TWP	PAG130045	Yes	TMDL Plan	Unnamed Tributaries to Poquessing Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Delaware River	Appendix C-PCB (4a)	
				Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
BRISTOL BORO	PAG130105	No		Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Mill Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
BRISTOL TWP	PAG130151	Yes	TMDL Plan	Delaware River	Appendix C-PCB (4a)	
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Mill Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
BUCKINGHAM TWP	PAI130515	Yes	TMDL Plan, SP, IP	Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
CHALFONT BORO	PAG130068	Yes	TMDL Plan	West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
DOYLESTOWN BORO	PAG130035	No		Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Cooks Run	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
DOYLESTOWN TWP	PAG130007	Yes	TMDL Plan	Cooks Run	Appendix E-Nutrients (5)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
				Pine Run	Appendix E-Excessive Algal Growth (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Mill Creek	Appendix E-Nutrients (5)	
Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)					
DUBLIN BORO		No			No known water quality impairments at this time. Must comply with all other permit requirements.	
EAST ROCKHILL TWP	PAG130162	No		Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Threemile Run	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
FALLS TWP	PAG130050	No		Biles Creek	Appendix C-PCB (4a)	
				Delaware River	Appendix C-PCB (4a)	
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
HILLTOWN TWP	PAG130040	Yes	TMDL Plan	Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Reading Creek	Appendix E-Excessive Algal Growth (5)	
				Pleasant Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)					
HULMEVILLE BORO	PAG130168	Yes	TMDL Plan	Delaware River	Appendix C-PCB (4a)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
IVYLAND BORO	PAG130153	Yes	TMDL Plan	Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
LANGHORNE BORO	PAG130039	No		Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Mill Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
LANGHORNE MANOR BORO	PAG130044	Yes	TMDL Plan	Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Mill Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
LOWER MAKEFIELD TWP	PAG130011	No		Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Lake Luxembourg	Appendix E-Nutrients, Suspended Solids (4a)	
				Mill Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Core Creek	Appendix E-Siltation (4a)	
				Buck Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Brock Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	Mercury (5)
LOWER SOUTHAMPTON TWP	PAG130030	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Mill Creek		Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
MIDDLETOWN TWP	PAG130028	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Delaware River	Appendix C-PCB (4a)	
				Lake Luxembourg	Appendix E-Nutrients, Suspended Solids (4a)	
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Mill Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
MILFORD TWP	PAI130022	Yes	SP, IP	Beaver Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Beaver Run		Other Habitat Alterations (4c)
				Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Delmont Lake		Exotic Species (5)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
MORRISVILLE BORO	PAG130104	No		Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
				Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
NEW BRITAIN BORO	PAG130154	Yes	TMDL Plan	Cooks Run	Appendix E-Nutrients (5)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Pine Run	Appendix E-Excessive Algal Growth (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
NEW BRITAIN TWP	PAG130060	Yes	TMDL Plan	North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Cooks Run	Appendix E-Nutrients (5)	
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix E-Nutrients (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Pine Run	Appendix E-Excessive Algal Growth (5)	
				Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
Reading Creek	Appendix E-Excessive Algal Growth (5)					
NEW HOPE BORO		Yes	SP	Delaware River		Mercury (5)
NEWTOWN BORO	PAG130057	No		Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
NEWTOWN TWP	PAG130048	No		Unnamed Tributaries to Houghs Creek		Cause Unknown (5)
				Delaware River		Mercury (5)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Core Creek	Appendix E-Siltation (4a)	
				Lake Luxembourg	Appendix E-Nutrients, Suspended Solids (4a)	
NORTHAMPTON TWP	PAG130098	Yes	TMDL Plan	Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Mill Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
PENNDDEL BORO	PAG130051	Yes	TMDL Plan	Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Mill Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
PERKASIE BORO	PAG130139	No		Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	
				Pleasant Spring Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Threemile Run	Appendix E-Nutrients (5)	Flow Alterations (4c)
PLUMSTEAD TWP	PAG130106	Yes	TMDL Plan	Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Pine Run	Appendix E-Excessive Algal Growth (5)	
				Lake Galena (Peace Valley PA617)	Appendix E-Suspended Solids (4a), Appendix E-Nutrients (5)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Delaware River		Mercury (5)
QUAKERTOWN BORO	PAG130096	No		Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Beaver Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	
				Unnamed Tributaries to Beaver Run		Other Habitat Alterations (4c)
RICHLAND TWP	PAI130007	Yes	SP, IP	Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delmont Lake		Exotic Species (5)
				Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	
				Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Beaver Run		Other Habitat Alterations (4c)
RICHLANDTOWN BORO		No		Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
SELLERSVILLE BORO	PAG130155	No		Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Mill Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Mill Creek		Water/Flow Variability (4c)
SILVERDALE BORO	PAG130160	No		Pleasant Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
SOLEBURY TWP	PAI130506	Yes	SP, IP	Unnamed Tributaries to Jericho Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Delaware River		Mercury (5)
SPRINGFIELD TWP	PAI130001*	Yes	W-I	Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
TELFORD BORO	PAG130133	Yes	TMDL Plan	Indian Creek TMDL	TMDL Plan-Nutrients (4a), TMDL Plan-Nutrients (4a)	
TRUMBAUERSVILLE BORO	PAI130540	Yes	IP	Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Delmont Lake		Exotic Species (5)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
TULLYTOWN BORO	PAG130161	No		Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
UPPER MAKEFIELD TWP	PAG130010	No		Jericho Creek	Appendix E-Siltation (5)	
				Delaware River		Mercury (5)
UPPER SOUTHAMPTON TWP	PAG130029	Yes	TMDL Plan	Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Mill Creek	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Southampton Creek	Appendix B-Pathogens (4a)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
	Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)				

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
WARMINSTER TWP	PAG130049	Yes	TMDL Plan	Mill Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Pennypack Creek	Appendix C-Priority Organics (5)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
WARRINGTON TWP	PAG130055	Yes	TMDL Plan	Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Mill Creek	Appendix E-Nutrients (5)	
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
WARWICK TWP	PAG130074	Yes	TMDL Plan	Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
WEST ROCKHILL TWP	PAG130046	No		Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Threemile Run	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	
WRIGHTSTOWN TWP	PAG130043	No		Delaware River		Mercury (5)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Jericho Creek	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Bucks County						
YARDLEY BORO	PAG130041	No		Buck Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	Mercury (5)
				Brock Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Butler County						
ADAMS TWP	PAG138301	No		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Connoquenessing Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Kaufman Run	Appendix E-Siltation (5)	
BUFFALO TWP	PAI138304	Yes	SP, IP	Unnamed Tributaries to Little Buffalo Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
				Sarver Run		Cause Unknown (5)
				Buffalo Creek		Cause Unknown (5)
				Unnamed Tributaries to Buffalo Creek	Appendix E-Siltation (5)	
				Little Buffalo Creek		Cause Unknown (5)
			Little Bull Creek	Appendix E-Siltation (5)		
BUTLER CITY	PAG138329	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
CALLERY BORO		No		Connoquenessing Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
CRANBERRY TWP	PAG138318	No		Kaufman Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
				Brush Creek	Appendix E-Organic Enrichment/Low D.O. (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Connoquenessing Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
EVANS CITY BORO		No		Connoquenessing Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
FORWARD TWP		No		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Connoquenessing Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
HARMONY BORO		No			No known water quality impairments at this time. Must comply with all other permit requirements.	
JACKSON TWP		No		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Connoquenessing Creek	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Glade Run		Cause Unknown (5)
				Little Connoquenessing Creek	Appendix A-Metals (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Butler County						
JEFFERSON TWP		Yes	SP	Sarver Run		Cause Unknown (5)
				Buffalo Creek		Cause Unknown (5)
				Little Buffalo Creek		Cause Unknown (5)
MARS BORO	PAG138323	No		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
MIDDLESEX TWP	PAG138328*	No		Glade Run	Appendix E-Nutrients, Siltation (5)	
SAXONBURG BORO		No			No known water quality impairments at this time. Must comply with all other permit requirements.	
SEVEN FIELDS BORO	PAG138325	No		Kaufman Run	Appendix E-Siltation (5)	
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
VALENCIA BORO	PAG138327	No		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
WINFIELD TWP	PAI138302*	Yes	SP, W-I	Buffalo Creek		Cause Unknown (5)
				Little Buffalo Creek	Appendix E-Nutrients (5)	Cause Unknown (5), Other Habitat Alterations (4c)
ZELIENOPLE BORO		No		Glade Run		Cause Unknown (5)
				Connoquenessing Creek	Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Cambria County						
ADAMS TWP	PAG136369	No		Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Paint Creek	Appendix A-Metals, pH (4a)	
				Little Paint Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
BROWNSTOWN BORO	PAG136360	Yes	TMDL Plan	Elk Run		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
CONEMAUGH TWP	PAG136139	Yes	TMDL Plan	Solomon Run		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Other Habitat Alterations (4c)
DAISYTOWN BORO	PAG136321	Yes	TMDL Plan	Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DALE BORO	PAG136224	Yes	TMDL Plan	Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Solomon Run		Other Habitat Alterations (4c)
EAST CONEMAUGH BORO	PAG136361	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Conemaugh River		Other Habitat Alterations (4c)
EAST TAYLOR TWP	PAG136341	Yes	TMDL Plan	Hinckston Run	Appendix E-Siltation (4a)	
				Little Conemaugh River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
FERNDALE BORO	PAG136286	Yes	TMDL Plan	Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
FRANKLIN BORO	PAG136362*	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Conemaugh River		Other Habitat Alterations (4c)
				Clapboard Run		Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Cambria County						
GEISTOWN BORO	PAG136232	Yes	TMDL Plan	Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Solomon Run		Other Habitat Alterations (4c)
JACKSON TWP	PAG136114	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
JOHNSTOWN CITY	PAG136245	Yes	TMDL Plan	Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Unnamed Tributaries to Mill Creek		Cause Unknown (5)
				Unnamed Tributaries to Elk Run		Other Habitat Alterations (4c)
				Unnamed Tributaries to Cheney Run		Cause Unknown (5)
				Solomon Run		Other Habitat Alterations (4c)
				Saint Clair Run		Other Habitat Alterations (4c)
				Little Conemaugh River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Hinckston Run	Appendix E-Siltation (4a)	Other Habitat Alterations (4c)
				Conemaugh River	Appendix E-Suspended Solids (4a)	
Stonycreek River		Cause Unknown (5). Other Habitat Alterations (4c)				
LORAIN BORO	PAG136244	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Stonycreek River		Other Habitat Alterations (4c)
LOWER YODER TWP	PAG136288	Yes	TMDL Plan	Saint Clair Run		Other Habitat Alterations (4c)
				Elk Run		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
MIDDLE TAYLOR TWP	PAG136349	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Cambria County						
RICHLAND TWP	PAG136249	Yes	TMDL Plan	Solomon Run		Other Habitat Alterations (4c)
				Little Paint Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Paint Creek	Appendix A-Metals, pH (4a)	
SCALP LEVEL BORO	PAG136233	Yes	TMDL Plan	Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Paint Creek	Appendix E-Siltation (5)	
				Paint Creek	Appendix A-Metals, pH (4a)	
SOUTHMONT BORO	PAG136218	Yes	TMDL Plan	Unnamed Tributaries to Mill Creek		Cause Unknown (5)
				Stonycreek River		Other Habitat Alterations (4c)
				Cheney Run		Cause Unknown (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
STONYCREEK TWP	PAG136107	Yes	TMDL Plan	Solomon Run		Other Habitat Alterations (4c)
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
UPPER YODER TWP	PAI136120	Yes	TMDL Plan, SP, IP	Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
WEST TAYLOR TWP	PAI136117*	Yes	TMDL Plan, SP, W-I	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Conemaugh River	Appendix E-Suspended Solids (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Cambria County						
WESTMONT BORO	PAI136121	Yes	TMDL Plan, SP, IP	Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Saint Clair Run		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Elk Run		Other Habitat Alterations (4c)
Carbon County						
BANKS TWP	PAG132280	No		Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cross Run	Appendix A-Metals (4a)	
				Black Creek	Appendix A-Metals, pH (4a)	
BEAVER MEADOWS BORO	PAG132302*	No		Black Creek	Appendix A-Metals, pH (4a)	
BOWMANSTOWN BORO	PAG132202*	Yes	SP	Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
EAST PENN TWP	PAG132283*	No		Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
FRANKLIN TWP	PAG132281	No		Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
LEHIGHTON BORO	PAG132291	No		Lehigh River	Appendix A-Metals (4a)	
LOWER TOWAMENSING TWP	PAG132203	Yes	SP	Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
MAHONING TWP	PAG132289*	Yes	SP	Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
PALMERTON BORO	PAG132284	No		Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
PARRYVILLE BORO	PAG132290*	No		Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
WEISSPORT BORO	PAG132204	No		Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Centre County						
BENNER TWP	PAI134809*	Yes	W-I	Spring Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Logan Branch	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Bald Eagle Creek	Appendix B-Pathogens (5)	
COLLEGE TWP	PAI134803	Yes	SP, IP	Slab Cabin Run	Appendix E-Siltation (5)	Flow Alterations (4c), Thermal Modifications (5)
				Spring Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Logan Branch	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O. (5)	
FERGUSON TWP	PAI134805	Yes	SP, IP	Spring Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Slab Cabin Run	Appendix E-Siltation (5)	Flow Alterations (4c), Thermal Modifications (5)
HARRIS TWP	PAI134801	Yes	SP, IP	Spring Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PATTON TWP	PAI134802	Yes	SP, IP	Spring Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Buffalo Run	Appendix E-Siltation (5)	
SPRING TWP		Yes	SP	Bald Eagle Creek	Appendix B-Pathogens (5)	
				Logan Branch	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
STATE COLLEGE BORO	PAI134804	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Spring Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Slab Cabin Run	Appendix E-Siltation (5)	Flow Alterations (4c), Thermal Modifications (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
ATGLEN BORO		No		Valley Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Octoraro Creek	Appendix E-Nutrients, Siltation (5)	
AVONDALE BORO	PAG130079	Yes	TMDL Plan	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Trout Run	Appendix C-Pesticides (4a)	
				White Clay Creek	Appendix B-Pathogens (5)	
BIRMINGHAM TWP	PAG130047	Yes	TMDL Plan	West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Radley Run		Water/Flow Variability (4c)
				Plum Run		Water/Flow Variability (4c)
				Unnamed Tributaries to Brandywine Creek		Other Habitat Alterations (4c)
CALN TWP	PAG130053	No		Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Brandywine Creek	Appendix C-PCB (4a), Appendix E-Nutrients, Siltation (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
CHARLESTOWN TWP	PAI130507	Yes	SP, IP	Schuylkill River	Appendix C-PCB (4a)	
				Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Pine Creek		Cause Unknown (5)
				Pigeon Run	Appendix B-Pathogens (5)	
				Pickering Creek		Cause Unknown (5), Water/Flow Variability (4c)
				French Creek	Appendix B-Pathogens (5)	
COATESVILLE CITY	PAG130066	Yes	TMDL Plan	West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
				Sucker Run		Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
DOWNINGTOWN BORO	PAG130140	No		Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
EAST BRADFORD TWP	PAI130523	Yes	TMDL Plan, SP, IP	Taylor Run		Other Habitat Alterations (4c)
				Blackhorse Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Broad Run		Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch Brandywine Creek		Cause Unknown (4a), Water/Flow Variability (4c)
				Plum Run		Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Brandywine Creek		Other Habitat Alterations (4c)
				West Valley Creek		Water/Flow Variability (4c)
Unnamed Tributaries to Valley Creek		Water/Flow Variability (4c)				
EAST BRANDYWINE TWP	PAI130524	Yes	SP, IP	East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (4a)	
				Culbertson Run	Appendix E-Siltation (4a)	Other Habitat Alterations (4c)
				Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
EAST CALN TWP	PAI130536	Yes	IP	Unnamed Tributaries to Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
EAST COVENTRY TWP	PAI130501	Yes	TMDL Plan, SP, IP	Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Stony Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
EAST FALLOWFIELD TWP	PAI130512	Yes	TMDL Plan, SP, IP	Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Sucker Run		Water/Flow Variability (4c)
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
EAST GOSHEN TWP	PAI130520	Yes	SP, IP	Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hunters Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
EAST MARLBOROUGH TWP	PAI130023	Yes	TMDL Plan, SP, IP	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				West Branch Red Clay Creek	Appendix C-PCB (4a)	
				Unnamed Tributaries to East Branch Red Clay Creek		Cause Unknown (4a)
				South Brook	Appendix C-PCB (4a)	
				East Branch Red Clay Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Red Clay Creek	Appendix C-PCB (4a)	
EAST NOTTINGHAM TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Little Elk Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				North East Creek	Appendix E-Siltation (5)	
EAST PIKELAND TWP	PAI130514	Yes	TMDL Plan, SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Stony Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				French Creek	Appendix B-Pathogens (5)	
EAST VINCENT TWP	PAI130518	Yes	TMDL Plan, SP, IP	French Creek	Appendix B-Pathogens (5)	
				Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Stony Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Nutrients (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
EAST WHITELAND TWP	PAI130508	Yes	SP, IP	Schuylkill River	Appendix C-PCB (4a)	
				Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
EASTTOWN TWP	PAI130509	Yes	SP, IP	Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Julip Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Darby Creek	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
ELK TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
FRANKLIN TWP	PAG130058	Yes	TMDL Plan, SP	East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Indian Run	Appendix B-Pathogens (5)	
				White Clay Creek	Appendix B-Pathogens (5)	
				West Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
HONEY BROOK BORO		Yes	TMDL Plan, SP	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
HONEY BROOK TWP	PAI130535	Yes	TMDL Plan, SP, IP	West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
KENNETT SQUARE BORO	PAG130037	Yes	TMDL Plan	West Branch Red Clay Creek	Appendix C-PCB (4a)	
				Red Clay Creek	Appendix C-PCB (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
KENNETT TWP	PAG130146	Yes	TMDL Plan	West Branch Red Clay Creek	Appendix C-PCB (4a)	
				Red Clay Creek	Appendix C-PCB (4a)	
				Bucktoe Creek	Appendix C-PCB (4a)	
				Burroughs Brook	Appendix C-PCB (4a)	
				Burrows Run	Appendix C-PCB (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to East Branch Red Clay Creek		Cause Unknown (4a)
			Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)		
LONDON BRITAIN TWP	PAG130062	Yes	TMDL Plan	West Branch White Clay Creek	Appendix B-Pathogens (5)	
				Walnut Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Broad Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
			White Clay Creek	Appendix B-Pathogens (5)		
LONDON GROVE TWP	PAI130503	Yes	TMDL Plan, SP, IP	White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Indian Run	Appendix B-Pathogens (5)	
			Middle Branch White Clay Creek	Appendix B-Pathogens (5)		
LONDONDERRY TWP		Yes	SP	East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOWER OXFORD TWP		Yes	SP	Octoraro Lake	Appendix E-Nutrients (5)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MALVERN BORO	PAI130525	Yes	SP, IP	Crum Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
MODENA BORO	PAG130178	Yes	TMDL Plan	West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
NEW GARDEN TWP	PAI130516	Yes	TMDL Plan, SP, IP	Trout Run	Appendix C-Pesticides (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Bucktoe Creek	Appendix C-PCB (4a)	
				Red Clay Creek	Appendix C-PCB (4a)	
				Broad Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				White Clay Creek	Appendix B-Pathogens (5)	
				West Branch Red Clay Creek	Appendix C-PCB (4a)	
				Walnut Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch White Clay Creek		Other Habitat Alterations (4c)
			Egypt Run	Appendix B-Pathogens (5)		
NEW LONDON TWP	PAI130526	Yes	TMDL Plan, SP, IP	Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				West Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				White Clay Creek	Appendix B-Pathogens (5)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NEWLIN TWP	PAG130175*	Yes	TMDL Plan	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
NORTH COVENTRY TWP	PAI130537	Yes	TMDL Plan, SP, IP	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
OXFORD BORO		Yes	SP	Little Elk Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Octoraro Lake	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Little Elk Creek		Water/Flow Variability (4c)
PARKESBURG BORO	PAG130081	Yes	TMDL Plan	East Branch Octoraro Creek	Appendix E-Nutrients (5)	
				Valley Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to East Branch Octoraro Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Buck Run		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
PENN TWP	PAI130539	Yes	TMDL Plan, SP, IP	Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				West Branch White Clay Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
PENNSBURY TWP	PAG130134	Yes	TMDL Plan	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
PHOENIXVILLE BORO	PAI130003	Yes	TMDL Plan, SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				French Creek	Appendix B-Pathogens (5)	
POCOPSON TWP	PAG130113	Yes	TMDL Plan	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
SADSBURY TWP	PAG130101	Yes	TMDL Plan	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Sucker Run		Water/Flow Variability (4c)
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Buck Run		Other Habitat Alterations (4c)
Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)					
SCHUYLKILL TWP	PAI130533	Yes	TMDL Plan, SP, IP	Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Pickering Creek		Cause Unknown (5)
				Unnamed Tributaries to Schuylkill River		Cause Unknown (5), Water/Flow Variability (4c)
				French Creek	Appendix B-Pathogens (5)	
				Pickering Creek		Water/Flow Variability (4c)
Schuylkill River PCB TMDL	Appendix C-PCB (4a)					
SOUTH COATESVILLE BORO	PAG130163	No		West Branch Brandywine Creek	Appendix C-PCB (4a), Appendix E-Nutrients, Siltation (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Brandywine Creek	Appendix E-Siltation (5)	
SOUTH COVENTRY TWP	PAI130541	Yes	SP, IP	Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				French Creek	Appendix B-Pathogens (5)	
SPRING CITY BORO	PAG130070	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
THORNBURY TWP	PAG130067	Yes	TMDL Plan	Waln Run	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Radley Run		Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
TREDYFFRIN TWP	PAI130504	Yes	SP, IP	Schuylkill River	Appendix C-PCB (4a)	
				Trout Creek	Appendix E-Siltation (5)	Cause Unknown (4a), Water/Flow Variability (4c)
				Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Little Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Little Darby Creek	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
UPPER OXFORD TWP	PAI130004	Yes	SP, IP	East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
UPPER UWCHLAN TWP	PAI130527	Yes	SP, IP	East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
UWCHLAN TWP	PAI130505	Yes	SP, IP	East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Pine Creek		Cause Unknown (5), Water/Flow Variability (4c)
				Shamona Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
Unnamed Tributaries to East Branch Brandywine Creek	Appendix E-Siltation (4a)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
VALLEY TWP	PAG130150	Yes	TMDL Plan	West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
				Sucker Run		Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
WALLACE TWP	PAI130529	Yes	TMDL Plan, SP, IP	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
WEST BRADFORD TWP	PAI130511	Yes	TMDL Plan, SP, IP	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Unnamed Tributaries to Broad Run		Cause Unknown (4a)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)				
WEST BRANDYWINE TWP	PAI130544	Yes	TMDL Plan, SP, IP	West Branch Brandywine Creek	Appendix C-PCB (4a), Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Culbertson Run	Appendix E-Siltation (4a)	Other Habitat Alterations (4c)
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)				
WEST CALN TWP	PAG130145	Yes	TMDL Plan, SP	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
Indian Spring Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
WEST CHESTER BORO	PAG130002	Yes	TMDL Plan	Taylor Run	Appendix E-Siltation (4a)	Cause Unknown (4a), Other Habitat Alterations (4c)
				Plum Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Blackhorse Run	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Brandywine Creek	Appendix E-Siltation (4a)	
WEST GOSHEN TWP	PAI130532	Yes	TMDL Plan, SP, IP	Plum Run		Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Taylor Run		Cause Unknown (4a), Other Habitat Alterations (4c)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Brandywine Creek		Cause Unknown (4a), Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Broad Run		Water/Flow Variability (4c)
				John Smedley Run		Water/Flow Variability (4c)
WEST GROVE BORO	PAG130144	Yes	TMDL Plan	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Unnamed Tributaries to East Branch White Clay Creek		Other Habitat Alterations (4c)
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
WEST NOTTINGHAM TWP		No		North East Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST PIKELAND TWP	PAI130531	Yes	SP, IP	Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Pine Creek		Cause Unknown (5), Water/Flow Variability (4c)
WEST SADSBUURY TWP	PAG130170	No		Valley Creek	Appendix E-Siltation (5)	
				Pine Creek	Appendix E-Nutrients, Siltation (5)	
				East Branch Octoraro Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
WEST VINCENT TWP	PAG130172*	Yes	SP	Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5), Water/Flow Variability (4c)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Birch Run	Appendix B-Pathogens (5)	
				French Creek	Appendix B-Pathogens (5)	
WEST WHITELAND TWP	PAI130530	Yes	SP, IP	East Branch Brandywine Creek		Cause Unknown (4a), Water/Flow Variability (4c)
				Unnamed Tributaries to Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Broad Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
WESTTOWN TWP	PAI130528	Yes	TMDL Plan, SP, IP	Brandywine Creek	Appendix E-Siltation (4a)	
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Radley Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Hunters Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
Plum Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)				
WILLISTOWN TWP	PAI130521	Yes	SP, IP	Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hunters Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Schuylkill River	Appendix C-PCB (4a)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Columbia County						
BERWICK BORO		No		Unnamed Tributaries to Susquehanna River		Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BLOOMSBURG TOWN		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Kinney Run	Appendix E-Siltation (5)	
BRIAR CREEK BORO		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BRIAR CREEK TWP		No		East Branch Briar Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Thermal Modifications (5)
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CATAWISSA BORO		No		Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
CATAWISSA TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Catawissa Creek	Appendix A-Metals (4a)	
HEMLOCK TWP		No		Hemlock Creek	Appendix E-Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Hemlock Creek	Appendix E-Siltation (4a)	
				Frozen Run	Appendix E-Siltation (4a)	
MAIN TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
MIFFLIN TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Nescopeck Creek	Appendix A-Metals, pH (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Columbia County						
MONTOUR TWP		No		Montour Run	Appendix E-Siltation (4a)	
				Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
NORTH CENTRE TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
ORANGE TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
ORANGEVILLE BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SCOTT TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Kinney Run	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Fishing Creek	Appendix E-Siltation (5)	
SOUTH CENTRE TWP		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
Crawford County						
MEADVILLE CITY	PAG138312	No			No known water quality impairments at this time. Must comply with all other permit requirements.	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Cumberland County						
CAMP HILL BORO	PAG133549	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cedar Run	Appendix B-Pathogens (5)	
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Cedar Run		Cause Unknown (5)
CARLISLE BORO	PAI133517	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
EAST PENNSBORO TWP	PAG133680	No		Unnamed Tributaries to Conodoguinet Creek		Cause Unknown (5)
				Boyer Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Univeristy Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				University Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Holtz Run	Appendix B-Pathogens (5)	
HAMPDEN TWP	PAI133513	Yes	SP, IP	Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Sears Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Pine Run	Appendix B-Pathogens (5)	
				Holtz Run	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cedar Run	Appendix B-Pathogens (5)	
LEMOYNE BORO	PAG133552	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
LOWER ALLEN TWP	PAG133711	No		Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Yellow Breeches Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Cedar Run		Cause Unknown (5), Flow Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Cumberland County						
MECHANICSBURG BORO	PAG133553	No		Unnamed Tributaries to Cedar Run		Flow Alterations, Other Habitat Alterations (4c)
				Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
				Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MIDDLESEX TWP		Yes	SP	Wertz Run	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MONROE TWP	PAG133573	No		Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
				Dogwood Run	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NEW CUMBERLAND BORO	PAG133677	No		Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NORTH MIDDLETON TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Wertz Run	Appendix E-Siltation (4a)	
				Alexanders Spring Creek	Appendix E-Siltation (4a)	
SHIREMANSTOWN BORO	PAG133660	No		Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Cedar Run		Flow Alterations, Other Habitat Alterations (4c)
SILVER SPRING TWP	PAI133514	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hogestown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
				Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
SOUTH MIDDLETON TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Cumberland County						
UPPER ALLEN TWP	PAG133708	No		Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Yellow Breeches Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Cedar Run		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
WORMLEYSBURG BORO	PAG133616	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Dauphin County						
CONEWAGO TWP	PAG133621	No		Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Nutrients, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Iron Run	Appendix E-Siltation (5)	
DAUPHIN BORO	PAG133550*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
DERRY TWP	PAG133637	No		Unnamed Tributaries to Swatara Creek	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
			Iron Run	Appendix E-Siltation (5)		
EAST HANOVER TWP	PAG133551*	No		Unnamed Tributaries to Raccoon Creek	Appendix B-Pathogens (5)	
				Raccoon Creek	Appendix E-DO/BOD (4a)	Flow Alterations (4c)
				Manada Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Bow Creek	Appendix E-Nutrients (4a), Appendix C-Priority Organics (5)	
				Bow Creek	Appendix E-Siltation (5)	
			Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)		
HARRISBURG CITY	PAG133642*	Yes	TMDL Plan, IP	Susquehanna River	Appendix C-PCB (5)	
				Spring Creek		Cause Unknown (5)
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Wildwood Lake	Appendix E-Nutrients, Suspended Solids (4a)	
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
			Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)	
HIGHSPIRE BORO	PAG133544	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Burd Run		Cause Unknown (5)
HUMMELSTOWN BORO	PAG133556	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Dauphin County						
LONDONDERRY TWP	PAG133547	No		Unnamed Tributaries to Swatara Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Conewago Creek	Appendix E-Organic Enrichment/Low D.O. (4a)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Susquehanna River	Appendix E-Nutrients, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a)	
				Iron Run	Appendix E-Siltation (5)	
				Lynch Run	Appendix E-Siltation (4a)	Cause Unknown, Turbidity (4a)
				Susquehanna River	Appendix C-PCB (5)	
LOWER PAXTON TWP	PAG133643	Yes	TMDL Plan	Unnamed Tributaries to Nyes Run		Flow Alterations, Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Spring Creek		Cause Unknown (5)
				Slotznick Run		Cause Unknown (5)
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Nyes Run	Appendix B-Pathogens (5)	
Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)					
LOWER SWATARA TWP	PAG133543	No		Burd Run		Cause Unknown (5)
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MIDDLE PAXTON TWP	PAG133688*	Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
MIDDLETOWN BORO	PAG133645	No		Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PAXTANG BORO	PAG133554	No		Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Spring Creek		Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Dauphin County						
PENBROOK BORO	PAG133555	Yes	TMDL Plan	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Spring Creek		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
ROYALTON BORO	PAG133641*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
SOUTH HANOVER TWP	PAG133500	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Manada Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
STEELTON BORO	PAG133625	No		Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Pennsylvania Canal	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SUSQUEHANNA TWP	PAG133633	Yes	TMDL Plan	Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Wildwood Lake	Appendix E-Nutrients, Suspended Solids (4a)	
				Spring Creek		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Slotznick Run		Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
Unnamed Tributaries to Asylum Run		Other Habitat Alterations (4c)				

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Dauphin County						
SWATARA TWP	PAG133615	No		Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Pennsylvania Canal	Appendix E-Siltation (5)	
				Slotznick Run		Cause Unknown (5)
				Spring Creek		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
WEST HANOVER TWP	PAG133545	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Manada Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Manada Creek	Appendix E-Nutrients (5)	
				Walnut Run	Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
ALDAN BORO	PAG130009	No		Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
ASTON TWP	PAG130122	No		Baldwin Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Marcus Hook Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Dutton Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
BETHEL TWP	PAG130176	No		East Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Spring Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Webb Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Green Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
BROOKHAVEN BORO	PAG130125	No		Delaware River	Appendix C-PCB (4a)	
				Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
CHADDS FORD TWP	PAG130142	No		Brandywine Creek	Appendix E-Siltation (4a)	
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Webb Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Harvey Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
CHESTER CITY	PAG130090	No		Unnamed Tributaries to Delaware River	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Stoney Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
CHESTER HEIGHTS BORO	PAG130119	No		Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Green Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
CHESTER TWP	PAG130089	No		Baldwin Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Delaware River	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
CLIFTON HEIGHTS BORO	PAG130143	No		Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
COLLINGDALE BORO	PAG130120	No		Delaware River	Appendix C-PCB (4a)	
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
COLWYN BORO	PAG130093	No		Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
CONCORD TWP	PAG130158	No		Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Green Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Webb Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
DARBY BORO	PAG130127	No		Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
DARBY TWP	PAG130088	No		Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Darby Creek	Appendix C-PCB (5)	
EAST LANSDOWNE BORO	PAG130124	No		Darby Creek	Appendix C-PCB (5)	
				Naylors Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
EDDYSTONE BORO	PAG130087	No		Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Creek	Appendix C-PCB (4a)	
				Delaware River	Appendix C-PCB (4a)	
EDGMONT TWP	PAI130522	Yes	SP, IP	Big Run		Cause Unknown (5)
				Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Rocky Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
FOLCROFT BORO	PAG130015	No		Delaware River	Appendix C-PCB (4a)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5)	
GLENOLDEN BORO	PAG130092	No		Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Shingley Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
HAVERFORD TWP	PAG130077	No		Ithan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Collen Brook	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
LANSLOWNE BORO	PAG130126	No		Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
LOWER CHICHESTER TWP	PAG130091	No		Delaware River	Appendix C-PCB (4a)	
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				East Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Marcus Hook Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
MARCUS HOOK BORO	PAG130071	No		Marcus Hook Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
MARPLE TWP	PAI130021	Yes	SP, IP	Whetstone Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Trout Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Langford Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hotland Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
MEDIA BORO	PAG130115	No		Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Dicks Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
MIDDLETOWN TWP	PAI130510	Yes	SP, IP	Delaware River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Spring Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Rocky Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
Chrome Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)				
MILLBOURNE BORO	PAG130076	No		Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
MORTON BORO	PAG130094	No		Darby Creek	Appendix C-PCB (5)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Shipleigh Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Stony Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
NETHER PROVIDENCE TWP	PAG130099	No		Delaware River	Appendix C-PCB (4a)	
				Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Dicks Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
NEWTOWN TWP	PAI130502	Yes	SP, IP	Lewis Run		Cause Unknown (5)
				Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Foxes Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hunter Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Darby Creek	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Preston Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Reeses Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Saw Mill Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Thomas Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
NORWOOD BORO	PAG130135	No		Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Darby Creek	Appendix C-PCB (5)	
PARKSIDE BORO	PAG130083	No		Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
PROSPECT PARK BORO	PAG130121	No		Delaware River	Appendix C-PCB (4a)	
				Darby Creek	Appendix C-PCB (5)	
				Stony Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
RADNOR TWP	PAG130102	No		Mill Creek	Appendix E-Nutrients, Siltation (5)	Water/Flow Variability (4c)
				Miles Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Darby Creek	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Kirks Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ithan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Saw Mill Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Meadowbrook Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hardings Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Doom Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Finn Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Camp Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Browns Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Abrahams Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Foxes Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Valley Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)				
RIDLEY PARK BORO	PAG130086	No		Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Darby Creek	Appendix C-PCB (5)	
				Crum Creek	Appendix C-PCB (4a)	
				Unnamed Tributaries to Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Stony Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)				

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
RIDLEY TWP	PAG130180*	No		Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Stony Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Shipleigh Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
Darby Creek	Appendix C-PCB (5)					
ROSE VALLEY BORO	PAG130173	No		Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
RUTLEDGE BORO	PAG130177	No		Darby Creek	Appendix C-PCB (5)	
				Delaware River	Appendix C-PCB (4a)	
				Stony Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Crum Creek	Appendix C-PCB (4a)	
SHARON HILL BORO	PAG130014	No		Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
SPRINGFIELD TWP	PAG130130	No		Whetstone Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Shipleigh Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Stony Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Whiskey Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Lewis Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
SWARTHMORE BORO	PAG130001	No		Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
THORNBURY TWP	PAI130517	Yes	TMDL Plan, IP	Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Waln Run	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
TINICUM TWP	PAG130097	No		Delaware River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Delaware River	Appendix C-PCB (5)	
				Long Hook Creek	Appendix C-PCB (5)	
				Darby Creek	Appendix C-PCB (5)	
TRAINER BORO	PAG130118	No		Stoney Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Marcus Hook Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Delaware County						
UPLAND BORO	PAG130085	No		Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
UPPER CHICHESTER TWP	PAG130082	No		East Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Spring Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER DARBY TWP	PAG130003	No		Collen Brook	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Naylors Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
UPPER PROVIDENCE TWP	PAI130542	Yes	SP, IP	Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
YEADON BORO	PAG130128	No		Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Erie County						
ERIE CITY	PAG138321	No		West Branch Cascade Creek	Appendix E-Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
FAIRVIEW TWP	PAG138332	No		Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
				Trout Run	Appendix E-Nutrients, Siltation (5)	
GIRARD BORO	PAG138316	No		Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
GIRARD TWP	PAG138315	No		Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
HARBORCREEK TWP	PAI138305	Yes	IP	Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
LAKE CITY BORO	PAG138313	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
LAWRENCE PARK TWP	PAG138322	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
MCKEAN TWP	PAG138307*	Yes	SP	Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
MILLCREEK TWP	PAI138301	Yes	SP, IP	Mill Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
				West Branch Cascade Creek	Appendix E-Siltation (5)	
				Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
SUMMIT TWP	PAG138330	No		Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to LeBoeuf Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				LeBoeuf Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
WESLEYVILLE BORO	PAG138311	No			No known water quality impairments at this time. Must comply with all other permit requirements.	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Fayette County						
BELLE VERNON BORO	PAG136376*	No		Monongahela River	Appendix C-PCB (4a)	
BROWNSVILLE BORO		No		Monongahela River	Appendix C-PCB (4a)	
				Dunlap Creek	Appendix B-Pathogens (5)	
BROWNSVILLE TWP		No		Unnamed Tributaries to Redstone Creek	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Redstone Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Monongahela River	Appendix C-PCB (4a)	
BULLSKIN TWP	PAG136301	No		Irish Run		Cause Unknown (5)
CONNELLSVILLE CITY	PAI136110	Yes	SP, IP		No known water quality impairments at this time. Must comply with all other permit requirements.	
CONNELLSVILLE TWP	PAG136300	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
DAWSON BORO	PAG136125	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
DUNBAR BORO	PAG136137	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
DUNBAR TWP	PAI136107	Yes	SP, IP	Unnamed Tributaries to Youghiogheny River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Opossum Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Gist Run	Appendix E-Siltation (5)	
				Ferguson Run	Appendix A-Metals, pH (4a)	
				Dickerson Run	Appendix E-Organic Enrichment/Low D.O. (5)	
EVERSON BORO	PAG136186*	No		Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
FAIRCHANCE BORO	PAG136358	No		Georges Creek	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
				Muddy Run	Appendix E-Siltation (5)	
FAYETTE CITY BORO	PAG136359*	No		Lamb Lick Run	Appendix A-Metals (5)	
FRANKLIN TWP		No		Redstone Creek	Appendix A-Metals (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Fayette County						
GEORGES TWP	PAG136133	No		Coal Lick Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Redstone Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Georges Creek	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
				Muddy Run	Appendix E-Siltation (5)	
GERMAN TWP		No		North Branch Browns Run	Appendix A-Metals, pH (5)	Flow Alterations (4c)
				Browns Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Dunlap Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
LUZERNE TWP		No		Monongahela River	Appendix C-PCB (4a)	
				Lilly Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Dunlap Creek	Appendix A-Metals, pH (5), Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MENALLEN TWP		No		Dunlap Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
NORTH UNION TWP	PAG136311	No		Gist Run	Appendix E-Siltation (5)	
				Bennington Spring Run	Appendix A-pH (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Cove Run	Appendix A-Metals (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Shutes Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Redstone Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Rankin Run	Appendix A-Metals (4a)	
REDSTONE TWP		No		Lilly Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Dunlap Creek	Appendix A-Metals, pH (5), Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
SOUTH CONNELLSVILLE BORO	PAI136119	Yes	IP	Unnamed Tributaries to Youghiogheny River	Appendix A-Metals, pH (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Fayette County						
SOUTH UNION TWP	PAG136205	No		Redstone Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Coal Lick Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Bennington Spring Run	Appendix A-pH (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Lick Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	Cause Unknown (5)
UNIONTOWN CITY	PAG136305	No		Coal Lick Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Redstone Creek	Appendix A-pH (4a), Appendix E-Siltation, Suspended Solids (4a)	
				Redstone Creek	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
UPPER TYRONE TWP	PAG136254*	No		Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Jacobs Creek	Appendix A-Metals, pH (5), Appendix E-Organic Enrichment/Low D.O. (5)	
VANDERBILT BORO	PAG136126	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
WASHINGTON TWP	PAG136339*	No		Monongahela River	Appendix C-PCB (4a)	
				Downers Run	Appendix A-Metals, pH (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Franklin County						
ANTRIM TWP	PAG133705	Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Muddy Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
CHAMBERSBURG BORO	PAG133704	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek		Oil and Grease (5), Water/Flow Variability (4c)
GREENCASTLE BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek		Water/Flow Variability (4c)
GREENE TWP		Yes	SP	Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Rowe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek	Appendix E-Nutrients, Siltation (5)	
GUILFORD TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
HAMILTON TWP		No		Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek		Oil and Grease (5), Water/Flow Variability (4c)
LETTERKENNY TWP		No		Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
ST THOMAS TWP		No		Back Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lackawanna County						
ARCHBALD BORO	PAI132249	Yes	SP, IP	Laurel Run	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				West Branch Tinklepaugh Creek		Flow Alterations (4c)
				Aylesworth Creek	Appendix E-Siltation (5)	
				White Oak Run	Appendix A-pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Wildcat Creek		Flow Alterations (4c)
				Callender Gap Creek	Appendix E-Siltation (5)	
Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)					
BLAKELY BORO	PAG132252	Yes	SP	West Branch Tinklepaugh Creek		Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Hull Creek		Other Habitat Alterations (4c)
				Wildcat Creek		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CARBONDALE CITY	PAI132246	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Coal Brook		Flow Alterations (4c)
CARBONDALE TWP	PAG132309	Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Powderly Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	
CLARKS GREEN BORO	PAG132209	No		Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
CLARKS SUMMIT BORO	PAG132207	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lackawanna County						
DALTON BORO	PAG132271	No		Unnamed Tributaries to Ackerly Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
DICKSON CITY BORO	PAG132210	No		Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hull Creek		Other Habitat Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Lackawanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
DUNMORE BORO	PAG132244	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Eddy Creek		Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Roaring Brook	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Stafford Meadow Brook		Other Habitat Alterations (4c)
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Lackawanna River		Flow Alterations, Other Habitat Alterations (4c)
FELL TWP	PAI132260	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Wilson Creek	Appendix A-Metals, pH (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Coal Brook		Flow Alterations (4c)
GLENBURN TWP		No		Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
JERMYN BORO	PAI132245	Yes	SP, IP	Aylesworth Creek	Appendix E-Siltation (5)	
				Callender Gap Creek	Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
JESSUP BORO	PAI132244	Yes	SP, IP	Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Sterry Creek		Flow Alterations, Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lackawanna County						
LAPLUME TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
MAYFIELD BORO	PAI132243	Yes	SP, IP	Unnamed Tributaries to Lackawanna River	Appendix E-Siltation (5)	
				Powderly Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
MOOSIC BORO	PAG132264	Yes	SP	Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Covey Swamp Creek		Cause Unknown (5), Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Stafford Meadow Brook		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Spring Brook		Cause Unknown (5)
NEWTON TWP	PAG132296*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
OLD FORGE BORO	PAG132256	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Saint Johns Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
OLYPHANT BORO	PAI132217	Yes	SP, IP	Eddy Creek		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Lackawanna River		Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Sterry Creek		Flow Alterations, Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lackawanna County						
SCOTT TWP	PAI132242	Yes	IP	Hull Creek		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Kennedy Creek	Appendix B-Pathogens (5)	
				Lackawanna Lake	Appendix E-Organic Enrichment/Low D.O. (5)	Mercury (Lakes) (5)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
SCRANTON CITY	PAI132203	Yes	IP	Keyser Creek	Appendix A-Metals, pH (4a)	Cause Unknown (5)
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Lackawanna River		Other Habitat Alterations (4c)
				Roaring Brook	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
SOUTH ABINGTON TWP	PAG132208	No		Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Summit Lake Creek	Appendix E-Siltation (5)	Thermal Modifications (5)
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
TAYLOR BORO	PAG132205	No		Unnamed Tributaries to Saint Johns Creek		Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Saint Johns Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Keyser Creek	Appendix A-Metals, pH (4a)	Cause Unknown (5)
THROOP BORO	PAG132253	No		Eddy Creek		Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Lackawanna River		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lackawanna County						
VANDLING BORO	PAI132241	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WAVERLY TWP	PAG132267	No		South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Ackerly Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
ADAMSTOWN BORO	PAG133610	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Muddy Creek	Appendix E-Siltation (5)	
AKRON BORO	PAG133588	No		Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BRECKNOCK TWP	PAG133602	Yes	SP	Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Muddy Creek	Appendix E-Nutrients, Siltation (5)	
				Little Muddy Creek	Appendix E-Siltation (5)	
CAERNARVON TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CHRISTIANA BORO		No		Pine Creek	Appendix E-Nutrients, Siltation (5)	
				East Branch Octoraro Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Williams Run	Appendix E-Nutrients, Siltation (5)	
CLAY TWP	PAG133710	Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
COLUMBIA BORO	PAG133617	No		Shawnee Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River		Other Habitat Alterations (4c)
CONESTOGA TWP	PAG133638	No		Conestoga River		Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
CONOY TWP		No		Conoy Creek	Appendix B-Pathogens (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DENVER BORO	PAG133592	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
EARL TWP	PAG133569	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Groff Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
EAST COCALICO TWP	PAG133572	No		Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Stony Run	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Muddy Creek	Appendix E-Nutrients, Siltation (5)	
				Little Muddy Creek	Appendix E-Siltation (5)	
EAST DONEGAL TWP	PAG133612	No		Unnamed Tributaries to Susquehanna River	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
EAST EARL TWP	PAI133519	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Cedar Creek	Appendix E-Siltation (5)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Cedar Creek	Appendix E-Nutrients (5)	
				Shirks Run	Appendix E-Siltation (5)	
				Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
EAST HEMPFIELD TWP	PAG133632	No		West Branch Little Conestoga Creek	Appendix E-Nutrients, Siltation (5)	
				Brubaker Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Swarr Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Millers Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
EAST LAMPETER TWP	PAG133541	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix E-Nutrients, Siltation (5)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine (5)
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Stauffer Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	Flow Alterations (4c)
EAST PETERSBURG BORO	PAG133635	No		Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
ELIZABETH TWP	PAG133600*	No		Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Litz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	
				Santo Domingo Creek	Appendix E-Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hammer Creek	Appendix E-Nutrients, Siltation (5)	
ELIZABETH TOWN BORO	PAG133716	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conoy Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
EPHRATA BORO	PAG133627	No		Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Cocalico Creek		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
EPHRATA TWP	PAG133538	No		Conestoga River	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Coover Run	Appendix E-Nutrients, Siltation (5)	
				Meadow Run	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
LANCASTER CITY	PAG133622*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Conestoga River		Flow Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
LANCASTER TWP	PAG133584	No		Conestoga River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEACOCK TWP	PAG133571	No		Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Watson Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
LITITZ BORO	PAG133539	Yes	TMDL Plan	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lititz Run	Appendix B-Pathogens (5)	
				Lititz Run TMDL	TMDL Plan-Siltation, Suspended Solids, Turbidity (4a)	
				Conestoga River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MANHEIM BORO	PAG133640	No		Rife Run	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Chiques Creek	Appendix E-Nutrients (4a)	Cause Unknown (5)
				Chiques Creek	Appendix E-Siltation (4a)	
MANHEIM TWP	PAG133534	No		Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
				Landis Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Bachman Run	Appendix B-Pathogens (5)	
				Lititz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	
MANOR TWP	PAG133537	No		West Branch Little Conestoga Creek	Appendix E-Nutrients, Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Stamans Run	Appendix E-Nutrients, Siltation (5)	
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Witmers Run	Appendix E-Siltation (5)	
				Conestoga River		Mercury (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
MARIETTA BORO	PAG133598	No		Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
MILLERSVILLE BORO	PAG133587	No		Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Conestoga River		Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MOUNT JOY TWP	PAG133578*	No		Conoy Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Chiques Creek	Appendix E-Nutrients (4a)	
				Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Nutrients, Suspended Solids (4a)	
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a), Appendix B-Pathogens (5)					
MOUNTVILLE BORO	PAG133533	No		Susquehanna River	Appendix C-PCB (5)	
				Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MT JOY BORO	PAG133658	No		Little Chiques Creek	Appendix E-Nutrients, Siltation (5)	
				Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)					
NEW HOLLAND BORO	PAG133611	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
PARADISE TWP	PAG133532	No		Little Beaver Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Calamus Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Londonland Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Eshleman Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Houston Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
PENN TWP	PAG133567	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				Lititz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Santo Domingo Creek	Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Chiques Creek		Cause Unknown (5)
PEQUEA TWP	PAG133648	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River		Chlorine, Mercury (5)
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	
PROVIDENCE TWP	PAG133618	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Big Beaver Creek	Appendix B-Pathogens (5)	
RAPHO TWP	PAG133564*	No		Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Rife Run	Appendix E-Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				Little Chiques Creek	Appendix E-Nutrients, Siltation (5)	
SADSBURY TWP		No		East Branch Octoraro Creek	Appendix E-Nutrients, Siltation (5)	
				Pine Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Williams Run	Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
SALISBURY TWP	PAG133619*	Yes	SP	Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
STRASBURG BORO	PAG133715	No		Walnut Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Little Beaver Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
STRASBURG TWP	PAG133694*	No		Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Calamus Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Beaver Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
TERRE HILL BORO	PAI133523	Yes	IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
UPPER LEACOCK TWP	PAG133681	Yes	TMDL Plan	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Mill Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	
				Unt Mill Creek TMDL	TMDL Plan-Nutrients, Siltation, Suspended Solids (4a)	
WARWICK TWP	PAG133565	Yes	TMDL Plan	Lititz Run TMDL	TMDL Plan-Siltation, Suspended Solids, Turbidity (4a)	
				Lititz Run	Appendix B-Pathogens (5)	
				Hammer Creek	Appendix E-Nutrients, Siltation (5)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				New Haven Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lancaster County						
WEST COCALICO TWP	PAG133542	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
WEST DONEGAL TWP		No		Unnamed Tributaries to Susquehanna River	Appendix E-Nutrients, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				Conewago Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Conoy Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				Unnamed Tributaries to Donegal Creek Susquehanna River	Appendix E-Siltation (4a) Appendix C-PCB (5)	
WEST EARL TWP	PAG133535	No		Conestoga River	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Groff Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST HEMPFIELD TWP	PAG133536	No		Little Conestoga Creek	Appendix B-Pathogens (5)	
				Shawnee Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Swarr Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				West Branch Little Conestoga Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment Unnamed Tributaries to Susquehanna River	Appendix D-Nutrients, Siltation (4a)	Other Habitat Alterations (4c)
WEST LAMPETER TWP	PAG133568	No		Big Spring Run	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Unnamed Tributaries to Conestoga River		Flow Alterations (4c)
				Unnamed Tributaries to Mill Creek	Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lawrence County						
MAHONING TWP		No		Unnamed Tributaries to Mahoning River	Appendix E-Siltation (5)	
				Mahoning River	Appendix C-PCB (5)	Cause Unknown (5)
NEW CASTLE CITY	PAG138331	No			No known water quality impairments at this time. Must comply with all other permit requirements.	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lebanon County						
ANNVILLE TWP	PAG133591	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
CLEONA BORO	PAG133692	No		Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CORNWALL BORO	PAG133700	No		Unnamed Tributaries to Snitz Creek	Appendix E-Siltation (4a)	
				Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)
HEIDELBERG TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hammer Creek	Appendix E-Siltation (5)	
JACKSON TWP	PAG133683	No		Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Owl Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a)	
				Little Swatara Creek	Appendix B-Pathogens (5)	
				Deep Run	Appendix E-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Tulpehocken Creek	Appendix E-Nutrients, Siltation (4a)	Cause Unknown (5)
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Siltation (4a)	
JONESTOWN BORO	PAG133695*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEBANON CITY	PAG133613	No		Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Manada Creek		Flow Alterations, Other Habitat Alterations (4c)
				Brandywine Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MILLCREEK TWP		No		Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	
MYERSTOWN BORO	PAG133703	No		Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Tulpehocken Creek		Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lebanon County						
NORTH ANNVILLE TWP	PAG133701	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
NORTH CORNWALL TWP	PAG133698	No		Beck Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)
				Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
NORTH LEBANON TWP	PAG133679	No		Ebeneser Union Canal (Lights Dam)	Appendix A-pH (5), Appendix E-Nutrients (5)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)
				Tulpehocken Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients (4a)	
				Unnamed Tributaries to Swatara Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Bachman Run	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
Brandywine Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)				
NORTH LONDONDERRY TWP	PAG133563	No		Unnamed Tributaries to Killinger Creek	Appendix E-Siltation (4a)	Flow Alterations (4c)
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)				
PALMYRA BORO	PAG133558	No		Unnamed Tributaries to Killinger Creek	Appendix E-Siltation (4a)	Flow Alterations (4c)
				Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)				
RICHLAND BORO		No		Mill Creek	Appendix E-Siltation (5)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Tulpehocken Creek	Appendix E-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lebanon County						
SOUTH ANNVILLE TWP	PAG133623	No		Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Gingrich Run	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (4a), Appendix B-Pathogens (5)	
				Bachman Run	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
SOUTH LEBANON TWP	PAG133684	No		Unnamed Tributaries to Manada Creek		Flow Alterations, Other Habitat Alterations (4c)
				Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Snitz Creek	Appendix E-Siltation (4a)	
SOUTH LONDONDERRY TWP	PAG133546	No		Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Killinger Creek	Appendix E-Nutrients, Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
SWATARA TWP	PAG133599	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Swatara Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
UNION TWP	PAG133682*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST CORNWALL TWP	PAG133699*	No		Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Snitz Creek	Appendix E-Siltation (4a)	
				Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
WEST LEBANON TWP	PAG133702	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Swatara Creek	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lehigh County						
ALBURTIS BORO	PAI132231	Yes	SP, IP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
ALLENTOWN CITY	PAI132239	Yes	SP, IP	Little Cedar Creek TMDL	TMDL Plan-Suspended Solids (4a)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Unnamed Tributaries to Trout Creek		Flow Alterations (4c)
				Trout Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Little Cedar Creek	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Cedar Creek	Appendix B-Pathogens (5)	
Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)					
CATASAUQUA BORO	PAI132248	Yes	SP, IP	Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Catasauqua Creek	Appendix E-Siltation (5)	
COOPERSBURG BORO	PAG132213	No		Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
COPLAY BORO	PAG132201	No		Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
EMMAUS BORO	PAI132226	Yes	SP, IP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Leibert Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
FOUNTAIN HILL BORO	PAG132250	No		Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
HANOVER TWP	PAG132301	No		Catasauqua Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix A-Metals (5), Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
HEIDELBERG TWP	PAG132275	No		Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lehigh County						
LOWER MACUNGIE TWP	PAI132222	Yes	SP, IP	Unnamed Tributaries to Little Lehigh Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Spring Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Leibert Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
LOWER MILFORD TWP	PAI132254	Yes	SP, IP	Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
LOWHILL TWP	PAG132288	Yes	SP	Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
MACUNGIE BORO	PAI132201	Yes	SP, IP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
NORTH WHITEHALL TWP	PAG132215	Yes	SP	Mill Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Coplay Creek	Appendix E-Suspended Solids (5)	
				Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Jordan Creek		Other Habitat Alterations (4c)
SALISBURY TWP	PAI132209	Yes	SP, IP	Saucon Creek	Appendix E-Siltation (5)	
				Trout Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Cedar Creek	Appendix B-Pathogens (5)	
SLATINGTON BORO	PAG132212	No		Lehigh River	Appendix A-Metals (5)	
SOUTH WHITEHALL TWP	PAI132221	Yes	SP, IP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Little Cedar Creek TMDL	TMDL Plan-Suspended Solids (4a)	
				Little Cedar Creek	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Cedar Creek	Appendix B-Pathogens (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lehigh County						
UPPER MACUNGIE TWP	PAI132205	Yes	SP, IP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Breinig Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Cedar Creek	Appendix B-Pathogens (5)	
				Iron Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Little Cedar Creek TMDL	TMDL Plan-Suspended Solids (4a)	
				Schaefer Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Spring Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
			Little Cedar Creek	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)	
UPPER MILFORD TWP	PAI132204	Yes	SP, IP	Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
				Perkiomen Creek	Appendix E-Nutrients, Siltation (5)	Thermal Modifications (5)
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Leibert Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
			Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)	
UPPER SAUCON TWP	PAG132216	No		Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
WASHINGTON TWP		No		Lehigh River	Appendix A-Metals (5)	
				Coplay Creek	Appendix E-Siltation (5)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix B-Pathogens (5)	
WEISENBERG TWP	PAI132236	Yes	SP, IP	Spring Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	
				Lyon Creek		Cause Unknown (5)
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schaefer Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
			Iron Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lehigh County						
WHITEHALL TWP	PAG132214	No		Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Little Lehigh Creek	Appendix E-Siltation (5)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
ASHLEY BORO	PAG132224	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Sugar Notch Run		Flow Alterations (4c)
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
AVOCA BORO	PAG132230	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
BUTLER TWP	PAI132238	Yes	SP, IP	Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Black Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
CONYNGHAM BORO		No		Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Little Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
COURTDALE BORO	PAG132293	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DALLAS BORO	PAG132234	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DALLAS TWP	PAI132232	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DUPONT BORO	PAG132226	No		Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DURYEA BORO	PAG132206	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
EDWARDSVILLE BORO	PAG132217	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
EXETER BORO	PAG132243	No		Hicks Creek		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
FAIRVIEW TWP	PAI132261	Yes	SP, IP	Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
FORTY FORT BORO	PAG132225	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
FOSTER TWP	PAG132258	No		Black Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
FREELAND BORO	PAG132279	No		Pond Creek	Appendix A-Metals, pH (4a)	
HANOVER TWP	PAG132231	No		Sugar Notch Run		Flow Alterations (4c)
				Nanticoke Creek	Appendix A-Metals, pH (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
HARVEYS LAKE BORO	PAI132235	Yes	SP, IP	Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HAZLE TWP	PAG132300*	Yes	SP	Black Creek	Appendix A-Metals, pH (4a)	
				Stony Creek	Appendix A-Metals, pH (4a)	
				Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Hazle Creek	Appendix A-Metals, pH (4a)	
				Cross Run	Appendix A-Metals (4a)	
				Cranberry Creek		Flow Alterations (4c)
				Catawissa Creek	Appendix A-Metals (4a)	
Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
HAZLETON CITY	PAG132262	Yes	SP	Hazle Creek	Appendix A-Metals, pH (4a)	
HUGHESTOWN BORO	PAG132277	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
JACKSON TWP	PAG132228	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Fork Harveys Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Turbidity (5)
JENKINS TWP	PAG132229	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
KINGSTON BORO	PAG132268	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
KINGSTON TWP	PAG132218	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LAFLIN BORO	PAG132233	No		Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
LARKSVILLE BORO	PAG132222	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEHMAN TWP	PAI132233	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				East Fork Harveys Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LUZERNE BORO	PAG132305	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
NANTICOKE CITY	PAG132247	No		South Branch Newport Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Nanticoke Creek	Appendix A-Metals, pH (5)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Nanticoke Creek		Flow Alterations (4c)
				Newport Creek	Appendix A-pH (4a)	
NESCOPECK BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Susquehanna River	Appendix A-pH (4a)	Flow Alterations (4c)
				Nescopeck Creek	Appendix A-Metals, pH (4a)	
NEWPORT TWP	PAG132248	No		South Branch Newport Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Nanticoke Creek	Appendix A-Metals, pH (5)	
				Reservoir Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Susquehanna River	Appendix C-PCB (5)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Nanticoke Creek		Flow Alterations (4c)
				Newport Creek	Appendix A-pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
Middle Branch Newport Creek	Appendix A-pH (4a)					
NUANGOLA BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Nuangola Lake	Appendix E-Organic Enrichment/Low D.O. (5)	
PITTSTON CITY	PAG132221	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
PITTSTON TWP	PAG132246	Yes	SP	Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Spring Brook		Cause Unknown (5)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
PLAINS TWP	PAG132227	No		Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Laurel Run	Appendix E-Siltation (5)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
PLYMOUTH BORO	PAG132220	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
PLYMOUTH TWP	PAG132274	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PRINGLE BORO	PAG132297	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
RICE TWP		Yes	SP	Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SALEM TWP		No		Unnamed Tributaries to Susquehanna River	Appendix C-PCB (5)	Flow Alterations (4c)
				Unnamed Tributaries to Walker Run	Appendix C-PCB (5)	Mercury (5)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SUGAR NOTCH BORO	PAG132223	No		Nanticoke Creek	Appendix A-Metals, pH (5)	
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Sugar Notch Run		Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SUGARLOAF TWP	PAG132286	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Nescopeck Creek	Appendix A-Metals, pH (4a)	
SWOYERSVILLE BORO	PAG132242	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
WARRIOR RUN BORO	PAG132232	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Nanticoke Creek	Appendix A-Metals, pH (5)	
WEST HAZLETON BORO	PAG132292	No		Cranberry Creek		Flow Alterations (4c)
				Stony Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Cranberry Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Black Creek	Appendix A-Metals, pH (4a)	
WEST PITTSTON BORO	PAG132265	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
WEST WYOMING BORO	PAG132251	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WILKES-BARRE CITY	PAG132272	No		Laurel Run	Appendix E-Siltation (5)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
WILKES-BARRE TWP	PAG132219	No		Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Laurel Run	Appendix E-Siltation (5)	
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
WRIGHT TWP		Yes	SP	Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WYOMING BORO	PAG132245	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
YATESVILLE BORO	PAG132266	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lycoming County						
DUBOISTOWN BORO	PAG134807	No		West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
FAIRFIELD TWP	PAI134808	Yes	IP	Bennetts Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				West Branch Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to West Branch Susquehanna River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Tules Run		Water/Flow Variability (4c)
				Tules Run	Appendix E-Siltation (5)	
				Mill Creek	Appendix B-Pathogens (5)	
Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)					
HEPBURN TWP	PAI134808	Yes	SP, IP	West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOYALSOCK TWP	PAI134808	Yes	SP, IP	West Branch Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to West Branch Susquehanna River		Cause Unknown (5), Water/Flow Variability (4c)
				Millers Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Grafius Run		Cause Unknown (5), Water/Flow Variability (4c)
Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)					
LYCOMING TWP	PAI134808	Yes	SP, IP	West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MONTOURSVILLE BORO	PAI134808	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Susquehanna River	Appendix C-PCB (5)	
				Mill Creek	Appendix B-Pathogens (5)	
OLD LYCOMING TWP	PAI134808	Yes	SP, IP	Bottle Run	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Daugherty Run		Flow Alterations (4c)
				Unnamed Tributaries to Lycoming Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Susquehanna River		Flow Alterations (4c)
West Branch Susquehanna River	Appendix C-PCB (5)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Lycoming County						
SOUTH WILLIAMSPORT BORO	PAG134808	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Cause Unknown (5), Other Habitat Alterations (4c)
				Hagermans Run		
				West Branch Susquehanna River	Appendix C-PCB (5)	
SUSQUEHANNA TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Susquehanna River	Appendix C-PCB (5)	
UPPER FAIRFIELD TWP		No		Mill Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Susquehanna River	Appendix C-PCB (5)	
WILLIAMSPORT CITY	PAI134808	Yes	SP, IP	Unnamed Tributaries to Lycoming Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Susquehanna River		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Grafius Run		Cause Unknown (5), Water/Flow Variability (4c)
				Daugherty Run		Flow Alterations (4c)
WOODWARD TWP	PAG134814*	No		West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Mercer County						
CLARK BORO		No		Shenango River	Appendix C-PCB (4a)	
FARRELL CITY	PAI138307	Yes	IP	Shenango River	Appendix C-PCB (4a)	
HERMITAGE CITY	PAG138333	No		Pine Run		Flow Alterations, Other Habitat Alterations (4c)
				Shenango River	Appendix C-PCB (4a)	
				Bobby Run	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
SHARON CITY	PAI138308	Yes	IP	Shenango River	Appendix C-PCB (4a)	
				Pine Run		Flow Alterations, Other Habitat Alterations (4c)
SHARPSVILLE BORO	PAG138310	No		Shenango River	Appendix C-PCB (4a)	
SHENANGO TWP	PAG138304*	No		Shenango River	Appendix C-PCB (4a)	
SOUTH PYMATUNING TWP	PAG138302*	No		Shenango River	Appendix C-PCB (4a)	
WEST MIDDLESEX BORO	PAG138303*	No		Shenango River	Appendix C-PCB (4a)	
WHEATLAND BORO	PAG138314*	No		Shenango River	Appendix C-PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Monroe County						
DELAWARE WATER GAP BORO		No		Delaware River		Mercury (5)
EAST STROUDSBURG BORO		No		Brodhead Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
HAMILTON TWP		Yes	SP	McMichael Creek	Appendix B-Pathogens (5)	
				Lake Creek	Appendix B-Pathogens (5)	
				Brodhead Creek	Appendix B-Pathogens (5)	
JACKSON TWP		Yes	SP		No known water quality impairments at this time. Must comply with all other permit requirements.	
MIDDLE SMITHFIELD TWP		Yes	SP	Bush Kill		Mercury (5)
				Brodhead Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
POCONO TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				McMichael Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Brodhead Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
PRICE TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
ROSS TWP		Yes	SP	Lake Creek	Appendix B-Pathogens (5)	
SMITHFIELD TWP		Yes	SP	Delaware River		Mercury (5)
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Brodhead Creek	Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Monroe County						
STROUD TWP		Yes	SP	McMichael Creek	Appendix B-Pathogens (5)	
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Brodhead Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Flagler Run	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c), Unknown Toxicity (5)
				Little Pocono Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Brodhead Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
STROUDSBURG BORO		Yes	SP	McMichael Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Brodhead Creek	Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
ABINGTON TWP	PAG130012	Yes	TMDL Plan	Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Meadow Brook	Appendix E-Siltation (5)	Cause Unknown (5)
				Robinhood Brook	Appendix E-Siltation (5)	Cause Unknown (5)
				Pennypack Creek	Appendix B-Pathogens (4a), Appendix C-Priority Organics (4a), Appendix E-Organic Enrichment/Low D.O. (4a), Appendix E-Siltation (5)	Cause Unknown (5)
				Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Frankford Creek	Appendix C-PCB (4a), Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Terwood Run	Appendix E-Siltation (5)	Cause Unknown (5)
				East Branch Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Rockledge Branch	Appendix E-Siltation (5)	Cause Unknown (5)
				Tacony Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)				
AMBLER BORO	PAG130036	Yes	TMDL Plan	Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
BRIDGEPORT BORO		Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
BRYN ATHYN BORO	PAG130166	No		Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Huntingdon Valley Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Southampton Creek	Appendix E-Organic Enrichment/Low D.O. (4a)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
CHELTENHAM TWP	PAG130054	Yes	TMDL Plan	Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Frankford Creek	Appendix C-PCB (4a), Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Tacony Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Mill Run		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
COLLEGEVILLE BORO	PAG130138	No		Perkiomen Creek	Appendix B-Pathogens (5)	
				Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
CONSHOHOCKEN BORO	PAG130013	Yes	TMDL Plan	Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
DOUGLASS TWP	PAG130095	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
EAST GREENVILLE BORO	PAG130156	No		Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
EAST NORRITON TWP	PAG130032	No		Schuylkill River	Appendix C-PCB (4a)	
				Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)
				Sawmill Run	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
FRANCONIA TWP	PAI130005	Yes	TMDL Plan, IP	Skipack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Skipack Creek		Water/Flow Variability (4c)
				West Branch Neshaminy Creek	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				West Branch Skipack Creek		Water/Flow Variability (4c)
				Indian Creek TMDL	TMDL Plan-Nutrients (4a)	
				Indian Creek	Appendix E-Siltation (4a)	Cause Unknown, TDS (4a)
Skipack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
GREEN LANE BORO	PAG130165	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
HATBORO BORO	PAG130034	No		Unnamed Tributaries to Pennypack Creek	Appendix C-Priority Organics (5)	
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)
HATFIELD BORO	PAG130052	No		Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				West Branch Neshaminy Creek	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
HATFIELD TWP	PAG130114	Yes	TMDL Plan	Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)				
HORSHAM TWP	PAG130157	Yes	TMDL Plan	Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
Trewellyn Creek	Appendix E-Nutrients (4a)	Water/Flow Variability (4c)				
JENKINTOWN BORO	PAG130149	No		Tacony Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Frankford Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
LANSDALE BORO	PAG130038	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
			Unnamed Tributaries to West Branch Neshaminy Creek			Flow Alterations (4c)
LIMERICK TWP	PAG130148	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Perkiomen Creek	Appendix B-Pathogens (5)	
LOWER FREDERICK TWP	PAG130116	No		Perkiomen Creek	Appendix B-Pathogens (5)	
LOWER GWYNEDD TWP	PAG130072	Yes	TMDL Plan	Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Trewellyn Creek	Appendix E-Nutrients (4a)	Water/Flow Variability (4c)
				Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Willow Run		Water/Flow Variability (4c)
Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)				

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
LOWER MERION TWP	PAG130064	Yes	TMDL Plan	Trout Run	Appendix E-Nutrients, Siltation (5)	Water/Flow Variability (4c)
				Meadowbrook Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ithan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Gulley Run		Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Finn Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Mill Creek	Appendix E-Nutrients, Siltation (5)	Water/Flow Variability (4c)
				West Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Glanraffan Creek	Appendix E-Suspended Solids (4a)	
East Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)				
LOWER MORELAND TWP	PAG130027	Yes	TMDL Plan	Pennypack Creek	Appendix B-Pathogens (4a), Appendix C-Priority Organics (4a), Appendix E-Organic Enrichment/Low D.O. (4a), Appendix E-Siltation (5)	Cause Unknown (5)
				Poquessing Creek	Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Southampton Creek	Appendix B-Pathogens (4a)	
				Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Terwood Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Huntingdon Valley Creek	Appendix E-Siltation (5)	Cause Unknown (5)
Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)					
LOWER POTTS GROVE TWP	PAG130073	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
LOWER PROVIDENCE TWP	PAG130018	Yes	TMDL Plan	Perkiomen Creek	Appendix B-Pathogens (5)	
				Indian Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Mine Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Skippack Creek	Appendix E-Nutrients (5)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Stony Creek	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Stony Creek		Cause Unknown (5)
Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)				
LOWER SALFORD TWP	PAI130006	Yes	TMDL Plan, IP	Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Indian Creek	Appendix E-Siltation (4a)	
				Indian Creek TMDL	TMDL Plan-Nutrients (4a)	
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				West Branch Skippack Creek		Water/Flow Variability (4c)
Perkiomen Creek	Appendix B-Pathogens (5)					
MARLBOROUGH TWP	PAI130513*	Yes	SP, W-I	Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
MONTGOMERY TWP	PAG130016	Yes	TMDL Plan	Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)
				Trewellyn Creek	Appendix E-Nutrients (4a)	Water/Flow Variability (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)				

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
NARBERTH BORO	PAG130080	No		Gulley Run		Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
NEW HANOVER TWP	PAG130020	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Schuylkill River	Appendix C-PCB (4a)	
NORRISTOWN BORO	PAG130159	Yes	TMDL Plan	Sawmill Run	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Stony Creek	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Stony Creek		Cause Unknown (5)
NORTH WALES BORO	PAG130005	Yes	TMDL Plan	Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
PENNSBURG BORO	PAG130063	No		Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
PERKIOMEN TWP	PAG130069	No		Schoolhouse Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Perkiomen Creek	Appendix B-Pathogens (5)	
PLYMOUTH TWP	PAG130008	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Sawmill Run	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Diamond Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
POTTSTOWN BORO	PAG130033	Yes	TMDL Plan	Unnamed Tributaries to Manatawny Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
RED HILL BORO	PAG130164	No		Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
ROCKLEDGE BORO	PAG130152	No		Tacony Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Rockledge Branch	Appendix E-Siltation (5)	Cause Unknown (5)
				Frankford Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Pennypack Creek	Appendix B-Pathogens (4a), Appendix C-Priority Organics (4a), Appendix E-Organic Enrichment/Low D.O. (4a), Appendix E-Siltation (5)	Cause Unknown (5)
ROYERSFORD BORO	PAG130023	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
SALFORD TWP	PAI130002	Yes	SP, IP		No known water quality impairments at this time. Must comply with all other permit requirements.	
SCHWENKSVILLE BORO	PAG130167	No		Perkiomen Creek	Appendix B-Pathogens (5)	
SKIPPACK TWP	PAG130022	Yes	TMDL Plan	Perkiomen Creek	Appendix B-Pathogens (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Shady Brook Run	Appendix E-Excessive Algal Growth (5)	
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)					
SOUDERTON BORO	PAG130132	Yes	TMDL Plan	Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Indian Creek	Appendix E-Siltation (4a)	Cause Unknown, TDS (4a)
				West Branch Neshaminy Creek	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Indian Creek TMDL	TMDL Plan-Nutrients (4a)	
SPRINGFIELD TWP	PAG130078	Yes	TMDL Plan	Schuylkill River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
TELFORD BORO	PAG130133	Yes	TMDL Plan	Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Indian Creek	Appendix E-Siltation (4a)	Cause Unknown, TDS (4a)
				Indian Creek TMDL	TMDL Plan-Nutrients (4a), TMDL Plan-Nutrients (4a)	
TOWAMENCIN TWP	PAG130024	Yes	TMDL Plan	Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Unnamed Tributaries to Towamencin Creek	Appendix E-Nutrients (5)	
TRAPPE BORO	PAG130110	No		Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Schoolhouse Run	Appendix E-Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
UPPER DUBLIN TWP	PAG130075	Yes	TMDL Plan	Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Pine Run	Appendix B-Pathogens (4a), Appendix E-Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)				
UPPER FREDERICK TWP	PAG130129	No		Goshenhoppen Creek	Appendix E-Nutrients (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
UPPER GWYNEDD TWP	PAG130031	Yes	TMDL Plan	Zacharias Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Skipack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skipack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
UPPER HANOVER TWP	PAG130109*	No		Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
UPPER MERION TWP	PAG130042	Yes	TMDL Plan	Crow Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Trout Creek	Appendix E-Siltation (5)	Cause Unknown (4a), Water/Flow Variability (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Matsunk Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER MORELAND TWP	PAG130019	Yes	TMDL Plan	Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Round Meadow Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Terwood Run	Appendix E-Siltation (5)	Cause Unknown (5)
UPPER POTTS GROVE TWP	PAG130107	No		Unnamed Tributaries to Manatawny Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
UPPER PROVIDENCE TWP	PAG130108	Yes	TMDL Plan	Doe Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Schoolhouse Run	Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
UPPER SALFORD TWP	PAI130534	Yes	SP, IP	Perkiomen Creek	Appendix B-Pathogens (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
WEST CONSHOCKEN BORO	PAG130056	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
WEST NORRITON TWP	PAG130006	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Indian Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
WEST POTTS GROVE TWP	PAG130061	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
WHITEMARSH TWP	PAG130103	Yes	TMDL Plan	Pine Run	Appendix B-Pathogens (4a), Appendix E-Nutrients (4a)	
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Unnamed Tributaries to Wissahickon Creek		Flow Alterations, Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delaware River Estuary PCB TMDLs	Appendix C-PCB, Priority Organics (4a)	
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
Unnamed Tributaries to Schuylkill River	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)				
WHITPAIN TWP	PAG130137	Yes	TMDL Plan	Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Willow Run		Water/Flow Variability (4c)
				Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
Sawmill Run	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)				

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montgomery County						
WORCESTER TWP	PAG130026	Yes	TMDL Plan	Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Towamencin Creek	Appendix E-Nutrients (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Zacharias Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)
Montour County						
COOPER TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Montour Run	Appendix E-Siltation (4a)	
DANVILLE BORO		No		Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Blizzards Run		Other Habitat Alterations (4c)
MAHONING TWP		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Blizzards Run		Other Habitat Alterations (4c)
				Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
VALLEY TWP		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mahoning Creek	Appendix E-Siltation (5)	
				Mauses Creek	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Northampton County						
ALLEN TWP	PAI132250	Yes	IP	Catasauqua Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Dry Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Hokendauqua Creek	Appendix E-Siltation, Suspended Solids (5)	
BANGOR BORO	PAG132249	No		Unnamed Tributaries to Martins Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
BATH BORO	PAI132215	Yes	SP, IP	East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
BETHLEHEM CITY	PAI132210	Yes	SP, IP	Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Nancy Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Saucon Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to East Branch Saucon Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Lehigh Coal And Navigation Canal	Appendix E-Siltation (5)	Water/Flow Variability (4c)
BETHLEHEM TWP	PAI132214	Yes	SP, IP	Delaware River		Mercury (5)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Nancy Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
BUSHKILL TWP	PAI132219	Yes	SP, IP	Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Bushkill Creek	Appendix B-Pathogens (5)	
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
CHAPMAN BORO	PAI132257*	Yes	SP, W-I	Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
EAST ALLEN TWP	PAI132212	Yes	SP, IP	East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Catasauqua Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Northampton County						
EAST BANGOR BORO	PAG132294*	No		Unnamed Tributaries to Martins Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
EASTON CITY	PAI132216	Yes	SP, IP	Delaware River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	Mercury (5)
				Lehigh River		
FORKS TWP	PAI132237	Yes	SP, IP	Delaware River	Appendix E-Siltation (5)	Mercury (5)
				Unnamed Tributaries to Delaware River		Water/Flow Variability (4c)
				Bushkill Creek		Appendix B-Pathogens (5)
FREEMANSBURG BORO	PAI132207	Yes	IP	Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
GLENDON BORO	PAG132298*	No		Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Delaware River		Mercury (5)
HANOVER TWP	PAI132218	Yes	SP, IP	Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Catasauqua Creek		Appendix E-Siltation (5)
HELLERTOWN BORO	PAI132223	Yes	IP	Polk Valley Run	Appendix E-Siltation (5)	
				Saucon Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Silver Creek	Appendix E-Siltation (5)	
LEHIGH TWP	PAG132239	No		Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Hokendauqua Creek		Appendix E-Siltation, Suspended Solids (5)
LOWER MT BETHEL TWP	PAG132255*	Yes	SP	Delaware River		Mercury (5)
LOWER NAZARETH TWP	PAI132228	Yes	SP, IP	Bushkill Creek	Appendix B-Pathogens (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Delaware River		Mercury (5)
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Northampton County						
LOWER SAUCON TWP	PAI132227	Yes	IP	Unnamed Tributaries to East Branch Saucon Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				East Branch Saucon Creek	Appendix E-Siltation (5)	
				Delaware River		Mercury (5)
				Silver Creek	Appendix E-Siltation (5)	
				Saucon Creek	Appendix E-Siltation (5)	
				Polk Valley Run	Appendix E-Siltation (5)	
MOORE TWP	PAI132202	Yes	SP, IP	Hokendauqua Creek	Appendix E-Siltation, Suspended Solids (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
NAZARETH BORO	PAG132261	No		Bushkill Creek	Appendix B-Pathogens (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
NORTH CATASAUQUA BORO	PAG132240	No		Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Catasauqua Creek	Appendix E-Siltation (5)	
NORTHAMPTON BORO	PAG132237	No		Hokendauqua Creek	Appendix E-Siltation, Suspended Solids (5)	
				Dry Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Catasauqua Creek	Appendix E-Siltation (5)	
PALMER TWP	PAI132206	Yes	SP, IP	Bushkill Creek	Appendix B-Pathogens (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Delaware River		Mercury (5)
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
PEN ARGYL BORO	PAG132263	No		Waltz Creek	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Northampton County						
PLAINFIELD TWP	PAI132220	Yes	SP, IP	Waltz Creek	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Little Bushkill Creek	Appendix E-Siltation (5)	
				Little Bushkill Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Bushkill Creek	Appendix B-Pathogens (5)	
ROSETO BORO	PAG132304	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
STOCKERTOWN BORO	PAI132253*	Yes	SP, W-I	Little Bushkill Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Bushkill Creek	Appendix B-Pathogens (5)	
TATAMY BORO	PAI132252*	Yes	SP, W-I	Delaware River		Mercury (5)
				Bushkill Creek	Appendix B-Pathogens (5)	
UPPER MT BETHEL TWP	PAG132303	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
UPPER NAZARETH TWP	PAI132234	Yes	SP, IP	Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
WALNUTPORT BORO	PAG132238	No		Lehigh River	Appendix A-Metals (5)	
WASHINGTON TWP	PAI132247	Yes	SP, IP	Unnamed Tributaries to Martins Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Delaware River		Mercury (5)
				Waltz Creek	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
WEST EASTON BORO	PAG132236	No		Delaware River		Mercury (5)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
WILLIAMS TWP	PAG132287	No		Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Delaware River		Mercury (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Northampton County						
WILSON BORO	PAI132230	Yes	SP, IP	Delaware River		Mercury (5)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
WIND GAP BORO	PAI132229	Yes	SP, IP	Little Bushkill Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Little Bushkill Creek	Appendix E-Siltation (5)	
Northumberland County						
RIVERSIDE BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
Perry County						
MARYSVILLE BORO	PAG133690*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
PENN TWP	PAG133696*	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
RYE TWP	PAG133646*	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Philadelphia County						
PHILADELPHIA CITY		Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Walton Run	Appendix E-Siltation (5)	Cause Unknown (5)
				West Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Unnamed Tributaries to Wissahickon Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Other Habitat Alterations (4c)
				Cresheim Creek		Water/Flow Variability (4c)
				Mill Run		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Pennypack Creek	Appendix B-Pathogens (4a), Appendix C-Priority Organics (4a), Appendix E-Organic Enrichment/Low D.O. (4a), Appendix E-Siltation (5)	Cause Unknown (5)
				Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Frankford Creek	Appendix C-PCB (4a), Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Wooden Bridge Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Darby Creek	Appendix C-PCB (5)	
				Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Sandy Run		Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Tacony Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Black Lake Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Byberry Creek	Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Schuylkill County						
KLINE TWP	PAI132251	Yes	IP	Catawissa Creek	Appendix A-Metals (4a)	
				Hunkydory Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MCADOO BORO	PAG132285	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hunkydory Creek	Appendix A-Metals (4a)	
				Catawissa Creek	Appendix A-Metals (4a)	
PORT CLINTON BORO		No		Schuylkill River	Appendix C-PCB (4a)	
				Little Schuylkill River	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
POTTSVILLE CITY	PAG132276	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
Somerset County						
CONEMAUGH TWP	PAG136345	Yes	TMDL Plan, SP	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
PAINT BORO	PAG136119	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Paint Creek	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
PAINT TWP	PAG136352	Yes	TMDL Plan	Paint Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Seese Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Turbidity (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
WINDBER BORO	PAG136340	Yes	TMDL Plan	Seese Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Turbidity (5)
				Stonycreek River		Cause Unknown (5)
				Weaver Run	Appendix A-Metals, pH (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Paint Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Susquehanna County						
FOREST CITY BORO	PAI132240	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
GREAT BEND BORO	PAG132306	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River		Mercury (5)
GREAT BEND TWP	PAI132256*	Yes	W-I	Susquehanna River		Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HALLSTEAD BORO		Yes	SP	Susquehanna River		Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Washington County						
ALLENPORT BORO	PAG136111*	No		Monongahela River	Appendix C-PCB (4a)	
AMWELL TWP	PAG136206*	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-Pesticides (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Little Tenmile Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Bane Creek	Appendix E-Siltation (5)	
BENTLEYVILLE BORO	PAG136337	No		Pigeon Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
CALIFORNIA BORO		No		Monongahela River	Appendix C-PCB (4a)	
CANONSBURG BORO	PAG136103	No		Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
CANTON TWP	PAG136210	Yes	SP	Catfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Unnamed Tributaries to Buffalo Creek	Appendix E-Nutrients, Siltation (5)	
				Georges Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
CARROLL TWP	PAG136211	No		Unnamed Tributaries to Pigeon Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
CECIL TWP	PAG136202	No		Coal Run	Appendix E-Nutrients, Siltation (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Millers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	Cause Unknown, TDS, Turbidity (5)
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Cause Unknown (5)
				Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Washington County						
CENTERVILLE BORO		No		Monongahela River	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Twomile Run	Appendix E-Siltation (5)	
CHARLEROI BORO	PAG136102	No		Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
CHARTIERS TWP	PAG136212	No		Chartiers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c), Turbidity (4a)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Georges Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Chartiers Creek		
COAL CENTER BORO		No		Monongahela River	Appendix C-PCB (4a)	
DONORA BORO	PAG136256	No		Unnamed Tributaries to Monongahela River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
DUNLEVY BORO	PAG136132*	No		Monongahela River	Appendix C-PCB (4a)	
EAST WASHINGTON BORO	PAG136364	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Catfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
ELCO BORO	PAG136319*	No		Unnamed Tributaries to Monongahela River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
ELLSWORTH BORO	PAG136350	No		Pigeon Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Washington County						
FALLOWFIELD TWP	PAG136105	No		Pigeon Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5), Appendix E-Siltation (5)	
FINLEYVILLE BORO	PAG136347*	No		Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
HANOVER TWP	PAG136265	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
HOUSTON BORO	PAG136213	No		Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Chartiers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
MCDONALD BORO	PAG136235	No		Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Cause Unknown (5)
				Robb Run	Appendix A-Metals (4a)	
MIDWAY BORO		No		Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
MONONGAHELA CITY	PAG136129	No		Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5)	
MOUNT PLEASANT TWP		No		Millers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	Cause Unknown, TDS, Turbidity (5)
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
NEW EAGLE BORO	PAG136262	No		Monongahela River	Appendix C-PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Washington County						
NORTH CHARLEROI BORO	PAG136109	No		Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
NORTH FRANKLIN TWP	PAG136214	Yes	SP	Chartiers Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Catfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
NORTH STRABANE TWP	PAI136129	Yes	SP, IP	Canonsburg Lake	Appendix E-Nutrients (4a)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Chartiers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
NOTTINGHAM TWP	PAI136122	Yes	IP	Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
PETERS TWP	PAI136134	Yes	TMDL Plan, SP, IP	Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Unnamed Tributaries to Chartiers Creek	Appendix E-Nutrients (5)	Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Brush Run		Flow Alterations (4c)
				Brush Run		Other Habitat Alterations (4c)
				Brush Run (Washington)	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation, Suspended Solids, Turbidity (4a)	
				Canonsburg Lake	Appendix E-Nutrients (4a)	
Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)				
ROBINSON TWP	PAG136343	No		Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Cause Unknown (5)
				Robb Run	Appendix A-Metals (4a)	
ROSCOE BORO	PAG136297*	No		Monongahela River	Appendix C-PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Washington County						
SMITH TWP		No		Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Raccoon Creek	Appendix A-Metals, pH (4a)	
SOMERSET TWP	PAI136114*	Yes	W-I	Pigeon Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
SOUTH FRANKLIN TWP	PAG136342*	No		Bane Creek	Appendix E-Siltation (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
SOUTH STRABANE TWP	PAI136118	Yes	SP, IP	Canonsburg Lake	Appendix E-Nutrients (4a)	
				Catfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Chartiers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
SPEERS BORO	PAG136101	No		Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a)	
				South Branch Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Water/Flow Variability (4c)
STOCKDALE BORO	PAG136236*	No		Monongahela River	Appendix C-PCB (4a)	
TWILIGHT BORO		No		Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a)	
				South Branch Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Washington County						
UNION TWP	PAI136131	Yes	SP, IP	Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5), Appendix E-Siltation (5)	Cause Unknown (5)
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
WASHINGTON CITY	PAG136351	No		Catfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
WEST BROWNSVILLE BORO		No		Lilly Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a)	
Wayne County						
CLINTON TWP	PAI132259	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
ADAMSBURG BORO	PAG136302*	No		Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
ALLEGHENY TWP	PAG136277	Yes	TMDL Plan	Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
				Pine Run	Appendix E-Siltation (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Kiskiminetas River	Appendix E-Suspended Solids (4a)	
ARNOLD CITY	PAG136326	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
ARONA BORO	PAG136258	No		Little Sewickley Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Little Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
DELMONT BORO	PAI136125	Yes	TMDL Plan, SP, IP	Turtle Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (5)	Other Habitat Alterations (4c)
				Beaver Run	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
				Beaver Run Reservoir		Mercury (Lakes) (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DERRY BORO	PAG136328	Yes	TMDL Plan	Unnamed Tributaries to Turtle Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DERRY TWP	PAI136136	Yes	TMDL Plan, IP	McGee Run	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth (5)	
				Union Run	Appendix E-Suspended Solids (4a)	
DERRY TWP	PAI136136	Yes	TMDL Plan, IP	Trout Run	Appendix E-Organic Enrichment/Low D.O. (5)	
				Saxman Run	Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients (5)	
				McGee Run	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth (5)	
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Conemaugh River	Appendix E-Suspended Solids (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
EAST HUNTINGDON TWP	PAG136134	No		Stauffer Run	Appendix A-Metals, pH (4a)	
				Buffalo Run	Appendix A-Metals, pH (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Sewickley Creek	Appendix A-Metals, pH (4a)	
				Shupe Run	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Jacobs Creek	Appendix A-Metals, pH (5)	
				Sherrick Run	Appendix A-Metals (5), Appendix E-Siltation (5)	
EAST VANDERGRIFT BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
EXPORT BORO	PAG136355*	No		Turtle Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Turtle Creek	Appendix A-pH (4a)	
GREENSBURG CITY	PAG136246	Yes	IP	Sewickley Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Coal Tar Run		Other Habitat Alterations (4c)
				Coal Tar Run	Appendix A-Metals (4a)	Cause Unknown (5)
				Unnamed Tributaries to Jacks Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Zellers Run	Appendix A-Metals (4a)	
Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)					
HEMPFIELD TWP	PAG136331	Yes	TMDL Plan	Unnamed Tributaries to Little Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Little Crabtree Creek	Appendix E-Siltation (4a)	Cause Unknown (5)
				Little Sewickley Creek	Appendix E-Siltation (5)	
				Zellers Run	Appendix A-Metals (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Wilson Run	Appendix A-Metals (4a)	
				Unnamed Tributaries to Little Crabtree Creek	Appendix E-Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Jacks Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Crabtree Creek	Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Loyalhanna Creek	Appendix E-Suspended Solids (4a)	
				Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Coal Tar Run	Appendix A-Metals (4a)	Cause Unknown (5)
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
HUNKER BORO	PAG136167*	No		Sewickley Creek	Appendix A-Metals, pH (4a)	
HYDE PARK BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
IRWIN BORO	PAG136164	No		Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Tinkers Run	Appendix E-Siltation (5)	
				Coal Run	Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a)	
JEANNETTE CITY	PAG136299	No		Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
LATROBE BORO	PAG136329	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Saxman Run	Appendix E-Suspended Solids (4a)	
				Unity Run	Appendix E-Suspended Solids (4a)	
LOWER BURRELL CITY	PAG136180	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Pucketa Creek	Appendix E-Siltation (5)	
MANOR BORO	PAG136294	No		Turtle Creek	Appendix A-Metals, pH (4a)	
				Bushy Run	Appendix E-Siltation (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
MONESSEN CITY	PAG136283	No		Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
MOUNT PLEASANT BORO	PAG136179	No		Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Shupe Run	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Jacobs Creek	Appendix A-Metals (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
MOUNT PLEASANT TWP	PAI136127	Yes	SP, IP	Welty Run	Appendix A-pH (4a)	
				Unnamed Tributaries to Jacobs Creek	Appendix A-Metals (5)	
				Boyer Run	Appendix A-Metals (4a)	
				Brinker Run	Appendix A-Metals (4a)	
				Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Shupe Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MURRYSVILLE BORO	PAI136109	Yes	SP, IP	Little Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients (5)	Oil and Grease (5)
				Haymakers Run	Appendix E-Siltation (5)	Exotic Species (5)
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Other Habitat Alterations (4c)
				Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation (5)	Oil and Grease (5)
				Pucketa Creek	Appendix E-Siltation (5)	
				Abers Creek		Flow Alterations (4c)
				Steels Run	Appendix E-Siltation (5)	
NEW KENSINGTON CITY	PAG136290	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Pucketa Creek	Appendix E-Siltation (5)	
NEW STANTON BORO	PAG136227	No		Sewickley Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Sewickley Creek	Appendix E-Nutrients (5)	
				Wilson Run	Appendix A-Metals (4a)	
NORTH BELLE VERNON BORO		No		Monongahela River	Appendix C-PCB (4a)	
				Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
NORTH HUNTINGDON TWP	PAI136105	Yes	SP, IP	Unnamed Tributaries to Youghiogheny River	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Long Run	Appendix A-Metals (5)	
				Unnamed Tributaries to Little Sewickley Creek	Appendix A-Metals (4a)	
				Unnamed Tributaries to Brush Creek		Exotic Species (5), Other Habitat Alterations (4c)
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Crawford Run	Appendix A-Metals (5)	
				Coal Run	Appendix E-Siltation (5)	
				Bushy Run	Appendix E-Siltation (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
Tinkers Run	Appendix E-Siltation (5)					
NORTH IRWIN BORO	PAG136193*	No		Coal Run	Appendix E-Siltation (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a)	
OKLAHOMA BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Beaver Run	Appendix E-Siltation (4a)	
				Beaver Run	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
PENN BORO	PAG136318*	No		Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
PENN TWP	PAG136116	No		Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Byers Run	Appendix E-Siltation (5)	
				Bushy Run	Appendix E-Siltation (5)	
				Lyons Run	Appendix E-Siltation (5)	
Coal Run	Appendix E-Siltation (5)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
ROSTRAVER TWP	PAG136252	No		Monongahela River	Appendix C-PCB (4a)	
				Pollock Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Cedar Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Cause Unknown (5)
				Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
SALEM TWP	PAI136123	Yes	TMDL Plan, SP, IP	Beaver Run Reservoir		Mercury (Lakes) (5)
				Thorn Run	Appendix E-Siltation (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Beaver Run	Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients (5)	
SCOTTDAL BORO	PAG136135	No		Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Stauffer Run	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Stauffer Run	Appendix E-Siltation (5)	
SEWICKLEY TWP	PAG136365	No		Unnamed Tributaries to Little Sewickley Creek	Appendix A-Metals (4a)	
				Unnamed Tributaries to Youghiogheny River	Appendix A-Metals (5)	
SOUTH GREENSBURG BORO	PAG136246	Yes	IP	Sewickley Creek	Appendix A-Metals, pH (4a)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
SOUTH HUNTINGDON TWP	PAG136189	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
SOUTHWEST GREENSBURG BORO	PAG136246	Yes	IP	Zellers Run	Appendix A-Metals (4a)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Sewickley Creek	Appendix A-Metals, pH (4a)	
SUTERSVILLE BORO	PAG136315	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
TRAFFORD BORO	PAG136198	No		Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brush Creek	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
UNITY TWP	PAI136135	Yes	TMDL Plan, SP, IP	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Crabtree Creek	Appendix E-Suspended Solids (4a)	
				Fourmile Run	Appendix E-Suspended Solids (4a)	
				Little Crabtree Creek	Appendix E-Siltation (4a)	Cause Unknown (5)
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Unity Run	Appendix E-Suspended Solids (4a)	
				Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Ninemile Run		Cause Unknown, Thermal Modifications (5)
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Monastery Run	Appendix E-Suspended Solids (4a)	
UPPER BURRELL TWP		No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Pucketa Creek	Appendix E-Siltation (5)	
VANDERGRIFT BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
WASHINGTON TWP	PAG136181	Yes	TMDL Plan, SP	Beaver Run	Appendix E-Suspended Solids (4a)	
				Beaver Run Reservoir		Mercury (Lakes) (5)
				Unnamed Tributaries to Beaver Run	Appendix E-Siltation (4a)	
				Thorn Run	Appendix E-Siltation (4a)	
				Pucketa Creek	Appendix E-Siltation (5)	
				Pine Run	Appendix E-Siltation (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
Kiskiminetas River	Appendix E-Suspended Solids (4a)					
WEST LEECHBURG BORO		No		Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
				Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
WEST NEWTON BORO	PAG136327	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
YOUNGSTOWN BORO	PAG136251*	Yes	TMDL Plan	Ninemile Run		Cause Unknown, Thermal Modifications (5)
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Westmoreland County						
YOUNGWOOD BORO	PAG136145	No		Sewickley Creek	Appendix A-Metals, pH (4a)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
Wyoming County						
FACTORYVILLE BORO	PAG132241	No		South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Tunkhannock Creek		Mercury (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
York County						
CARROLL TWP	PAG133548	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Dogwood Run	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Stony Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Flow Alterations (4c)
				Fishers Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
CHANCEFORD TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
CONEWAGO TWP	PAG133593	No		Unnamed Tributaries to Little Conewago Creek		Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
DALLASTOWN BORO	PAG133676	No		East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Barshinger Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
DILLSBURG BORO	PAG133560	No		Dogwood Run	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Stony Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DOVER BORO	PAG133583*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DOVER TWP	PAG133656	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Honey Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Little Conewago Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
EAST MANCHESTER TWP	PAG133601	No		Susquehanna River	Appendix C-PCB (5)	
				Musser Run	Appendix E-Suspended Solids (5)	
				Codorus Creek	Appendix E-Excessive Algal Growth (5)	Unknown Toxicity (5), Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
York County						
FAIRVIEW TWP	PAG133557	No		Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Yellow Breeches Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Fishing Creek	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
				Fishing Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Marsh Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Big Spring Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
FELTON BORO		No		Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
FRANKLIN TWP	PAG133570*	No		North Branch Bermudian Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Dogwood Run	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
FRANKLINTOWN BORO	PAG133691*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				North Branch Bermudian Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to North Branch Bermudian Creek	Appendix E-Nutrients, Siltation (5)	
GOLDSBORO BORO	PAG133665*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
HALLAM BORO	PAG133654	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HANOVER BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Plum Creek	Appendix E-Siltation (5)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to South Branch Conewago Creek		Other Habitat Alterations, Water/Flow Variability (4c)
HEIDELBERG TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Oil Creek	Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
York County						
HELLAM TWP	PAG133589	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek		Unknown Toxicity (5), Water/Flow Variability (4c)
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
JACKSON TWP	PAG133671	No		Little Conewago Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Codorus Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
JACOBUS BORO	PAG133647*	No		South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEWISBERRY BORO	PAG133624*	No		Bennett Run	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOGANVILLE BORO	PAG133669	No		South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOWER WINDSOR TWP	PAG133626	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Fishing Creek	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
MANCHESTER BORO	PAG133586	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Musser Run	Appendix E-Suspended Solids (5)	
MANCHESTER TWP	PAG133674	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)
				Susquehanna River	Appendix C-PCB (5)	
				Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Little Conewago Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
York County						
MONAGHAN TWP	PAG133562	No		Stony Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Fishers Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
MOUNT WOLF BORO	PAG133675	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
NEW SALEM BORO	PAG133687*	No		Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NEWBERRY TWP	PAG133561	No		Big Spring Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
				Bennett Run	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Fishing Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
NORTH CODORUS TWP	PAG133620*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
NORTH YORK BORO	PAG133581	No		Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PENN TWP		No		Oil Creek	Appendix E-Siltation (4a), Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to South Branch Conewago Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Gitts Run	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Plum Creek	Appendix E-Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
York County						
RED LION BORO	PAG133651	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Barshinger Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Fishing Creek	Appendix E-Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
SPRING GARDEN TWP	PAG133576	No		Unnamed Tributaries to Codorus Creek		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)
SPRING GROVE BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SPRINGETTSBURY TWP	PAG133594	No		Unnamed Tributaries to Kreutz Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Susquehanna River	Appendix C-PCB (5)	
SPRINGFIELD TWP	PAG133652	No		East Branch Codorus Creek	Appendix B-Pathogens (5)	
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST MANCHESTER TWP	PAG133655	No		Little Conewago Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Honey Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)
WEST MANHEIM TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	
WEST YORK BORO	PAG133649	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
York County						
WINDSOR BORO	PAG133673	No		Fishing Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WINDSOR TWP	PAG133670	No		Fishing Creek	Appendix E-Siltation (5)	
				North Branch Muddy Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Kreuz Creek	Appendix E-Siltation (5)	
				Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Susquehanna River	Appendix C-PCB (5)	
WRIGHTSVILLE BORO	PAG133685	No		Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
YOE BORO	PAG133657	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
YORK CITY	PAG133596	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Codorus Creek		Flow Alterations (4c)
YORK HAVEN BORO	PAG133672	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
YORK TWP	PAG133595	No		Barshinger Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)
				Inners Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
YORKANA BORO	PAG133653	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	