

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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Water/Flow Variability (4c)
				Beaver Creek	Appendix E-Siltation (5)	
BUTLER TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CONEWAGO TWP		No		South Branch Conewago Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to South Branch Conewago Creek		
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Plum Creek	Appendix E-Siltation (5)	
CUMBERLAND TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Water/Flow Variability (4c) Other Habitat Alterations (4c)
				Rock Creek	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Rock Creek	Appendix E-Siltation (5)	
				Willoughby Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
GETTYSBURG BORO		No		Rock Creek	Appendix E-Nutrients (5)	Unknown Toxicity (5), Water/Flow Variability (4c) Water/Flow Variability (4c)
				Stevens Run	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Rock Creek	Appendix E-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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Plum Creek	Appendix E-Siltation (5)	
				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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
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)
				Rock Creek	Appendix E-Nutrients (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
UNION TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Conewago 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
Allegheny County						
ALEPPO TWP	PAG136348	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)	
ASPINWALL BORO	PAG136259*	No		Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
AVALON BORO	PAG136151	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
BALDWIN BORO	PAG136128	Yes	TMDL Plan	Glass Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				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)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)					
BALDWIN TWP	PAG136115	No		Sawmill Run	Appendix A-Metals (4a), 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)	
BELL ACRES BORO	PAI136124*	No		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)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BEN AVON BORO	PAG136292	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 HEIGHTS BORO	PAG136237*	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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
BETHEL PARK BORO	PAG136147	Yes	TMDL Plan	Graesers Run	Appendix E-Nutrients, Siltation (5)	Turbidity (5)
				Catfish Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Unnamed Tributaries to Painters Run		Turbidity (5)
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				McLaughlin Run	Appendix E-Nutrients, Siltation (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c), Turbidity (5)
				Sleepy Hollow Run	Appendix B-Pathogens (5)	Cause Unknown (5)
Brush Run (Washington)	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation, Suspended Solids, Turbidity (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		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Turtle Creek	Appendix E-Siltation (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)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
BRENTWOOD BORO	PAG136271	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)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BRIDGEVILLE BORO	PAG136203	No		Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (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-Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				McLaughlin Run	Appendix C-Chlordane, PCB (4a), Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Painters Run		Turbidity (5)
CARNEGIE BORO	PAG136188	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)
				Unnamed Tributaries to Chartiers Creek	Appendix E-Siltation (4a)	
CASTLE SHANNON BORO	PAG136117	Yes	TMDL Plan	Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
CHALFANT BORO	PAG136190	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Turtle Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
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)	
				Turtle Creek	Appendix E-Siltation (5)	
				Thompson Run	Appendix A-Metals, pH (4a)	
				Sawmill Run	Appendix E-Siltation (5)	
				Chalfant 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						
CLAIRTON CITY	PAG136287	No		Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Monongahela River	Appendix C-PCB (4a)	
COLLIER TWP	PAG136204	No		Unnamed Tributaries to Chartiers Creek	Appendix A-Metals (4a), Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	TDS (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)
				Robinson Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, 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 (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				McLaughlin Run	Appendix C-Chlordane, PCB (4a), 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, Turbidity (5)
				Unnamed Tributaries to Painters Run		Turbidity (5)
CORAOPOLIS BORO	PAG136162	No		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)
				McCabe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
CRAFTON BORO	PAG136220*	Yes	TMDL Plan	Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
					Appendix A-Metals, pH (4a)	
				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)
CRESCENT TWP	PAG136127	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spring Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Shouse Run	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
DORMONT BORO	PAG136284	Yes	TMDL Plan	Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run		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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
DRAVOSBURG BORO	PAG136185	No		Monongahela River	Appendix C-PCB (4a)	
DUQUESNE CITY	PAG136194	No		Thompson Run	Appendix A-Metals (4a)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
EAST DEER TWP	PAG136229	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
EAST MCKEESPORT BORO	PAG136276	No		Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
EDGEWOOD BORO	PAG136264	No		Ninemile Run		Nonpriority Organics, Un-ionized Ammonia (5), Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
EDGEWORTH BORO	PAI136103	Yes	SP, IP	Little Sewickley Creek		Cause Unknown (5)
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
ELIZABETH BORO	PAG136191	No		Fallen Timber Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
ELIZABETH TWP	PAG136207	No		Gillespie Run	Appendix A-Metals (5)	
				Wylie Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Fallen Timber Run	Appendix A-Metals (4a), 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)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
ETNA BORO	PAG136269	No		Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
FAWN TWP	PAG136215*	No		Little Bull 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
Allegheny County						
FINDLAY TWP	PAG136131	No		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)
				McClarens Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				North Fork Montour 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)	
				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		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Turtle Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
FORWARD TWP	PAG136363	No		Sunfish Run	Appendix A-Metals (5)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5)	
				Unnamed Tributaries to Becketts Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Perry Mill Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Becketts Run	Appendix A-Metals (5)	
FOX CHAPEL BORO	PAI136102	Yes	SP, IP	Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
				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)	
FRANKLIN PARK BORO	PAG136175	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Fish Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
FRAZER TWP	PAG136273	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
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		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (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	Yes	TMDL Plan	Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
					TMDL Plan-Siltation (4a)	
				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)
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run		Water/Flow Variability (4c)
HAMPTON TWP	PAG136281	No		Gourdhead Run	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Gourdhead Run	Appendix E-Nutrients (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Montour Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				McCaskin Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
				Little Pine Creek	Appendix B-Pathogens (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)
Crouse Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)					
HARMAR TWP	PAG136354	No		Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Little Deer Creek	Appendix A-Metals (4a), Appendix E-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		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (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						
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)
HOMESTEAD BORO	PAG136199	No		West Run	Appendix A-pH (5), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
INDIANA TWP	PAI136101	Yes	SP, IP	Unnamed Tributaries to Long Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Cunningham Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Little Pine Creek	Appendix B-Pathogens (5)	
				Blue Run	Appendix E-Nutrients, Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (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)
INGRAM BORO	PAG136261	Yes	TMDL Plan	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 AMD and Sediment	Appendix A-Metals, pH (4a)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
JEFFERSON HILLS BORO	PAG136285	No		Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Lewis Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Beam Run		Cause Unknown (5)
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Unnamed Tributaries to Lobbs Run	Appendix A-Metals, pH (5)	
KENNEDY TWP	PAG136110	No		Unnamed Tributaries to Traverse Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix A-Metals (5), 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)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Moon Run	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
Allegheny County						
KILBUCK TWP	PAG136373*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
LEET TWP	PAI136108	Yes	SP, IP	Little Sewickley Creek		Cause Unknown (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
LEETSDALE BORO	PAI136113	Yes	SP, IP	Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Little Sewickley Creek		Cause Unknown (5)
LIBERTY BORO	PAG136192	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
LINCOLN BORO	PAG136338	No		Wylie Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
MARSHALL TWP	PAG136306	No		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)
				Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
MCCANDLESS TWP	PAG136140	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)	
				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)
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
MCKEES ROCKS BORO	PAG136375	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)	
MCKEESPORT CITY	PAG136370*	No		Unnamed Tributaries to Long Run	Appendix A-Metals (5)	
				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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Allegheny County						
MILLVALE BORO	PAG136150	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
MONROEVILLE BORO	PAG136176	Yes	SP	Thompson Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Leak Run	Appendix E-Siltation (5)	
				Abers Creek		Flow Alterations (4c)
				Piersons Run	Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation (5)	
MOON TWP	PAG136274	No		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)
				McClarens Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				McCabe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Spring Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MT LEBANON TWP	PAG136275	Yes	TMDL Plan	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 AMD and Sediment	Appendix A-Metals, pH (4a)	
					TMDL Plan-Siltation (4a)	
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				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)				
MT OLIVER BORO	PAG136242	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
MUNHALL BORO	PAG136142	No		West Run	Appendix A-pH (5), 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						
NEVILLE TWP	PAG136121	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
NORTH BRADDOCK BORO	PAG136201	No		Turtle Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Turtle Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				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)
				Fink Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Pinkertons Run		Cause Unknown (5)
				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)
				Montour Run	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Nonpriority Organics, Un-ionized Ammonia (5)
NORTH VERSAILLES TWP	PAI136116	Yes	SP, IP	Crooked Run	Appendix E-Siltation (5)	
				Brush Creek	Appendix E-Siltation (5)	
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
OAKDALE BORO	PAG136310	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (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)
OAKMONT BORO	PAG136238	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Plum Creek	Appendix A-Metals (4a)	Oil and Grease (5)
OHARA TWP	PAI136128	Yes	SP, IP	Squaw Run	Appendix C-Pesticides (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Powers Run	Appendix A-Metals (5)	Oil and Grease (5)
				Little Pine Creek	Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), 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		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		Unnamed Tributaries to Plum Creek		Other Habitat Alterations (4c)
				Thompson Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Shades Run	Appendix E-Nutrients (5)	
				Sandy Creek	Appendix E-Nutrients (5)	Chlorine (5)
				Quigley Creek	Appendix E-Nutrients (5)	
				Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation (5)	Oil and Grease (5)
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Indian Creek	Appendix A-Metals (5)	Oil and Grease (5)
				Turtle Creek	Appendix E-Siltation (5)	
				Chalfant Run	Appendix E-Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
Duffs Run	Appendix E-Siltation (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		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Rinaman Run	Appendix B-Pathogens (5)	
				Brush Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Montour Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				North Fork Pine Creek	Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
Kaufman Run	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	Shades Run	Appendix E-Nutrients (5)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Allegheny River	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Sawmill Run AMD and Sediment	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)	
				Glass Run	Appendix A-Metals (4a), 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)
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)					
PLEASANT HILLS BORO	PAG136303	No		Monongahela River	Appendix C-PCB (4a)	
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Lewis Run	Appendix B-Pathogens (5)	Cause Unknown (5)
PLUM BORO	PAG136143	Yes	SP	Unnamed Tributaries to Little Plum Creek	Appendix A-pH (4a)	
				Unnamed Tributaries to Thompson Run	Appendix E-Siltation (5)	
				Little Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients (5)	Oil and Grease (5)
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Abers Creek		Flow Alterations (4c)
				Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation (5)	Oil and Grease (5)
				Pucketa Creek	Appendix E-Siltation (5)	
				Piersons Run	Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation (5)	
Thompson Run	Appendix A-Metals, pH (4a)					
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		Unnamed Tributaries to Allegheny River	Appendix E-Nutrients (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
RICHLAND TWP	PAG136309	No		Glade Run	Appendix E-Nutrients, Siltation (5)	
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Crouse Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Flow Alterations, Other Habitat Alterations (4c), TDS, Turbidity (5)
				Montour Run	Appendix B-Pathogens (5), Appendix E-Siltation (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)
ROBINSON TWP	PAG136161	No		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)	
				Unnamed Tributaries to Moon Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				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), Appendix E-Nutrients (5)	
				Moon Run	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
ROSS TWP	PAG136221	No		McKnight Run	Appendix E-Nutrients (5)	Oil and Grease (5), Other Habitat Alterations (4c)
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Little Pine Creek	Appendix E-Nutrients (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Nelson Run	Appendix E-Nutrients (5)	
				Girtys Run	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Oil and Grease (5), Other Habitat Alterations (4c)
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)					
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	Yes	TMDL Plan	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)
				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)
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
					Appendix A-Metals, pH (4a)	
SEWICKLEY BORO	PAG136165	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
SEWICKLEY HEIGHTS BORO	PAI136137*	No		Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SEWICKLEY HILLS BORO	PAI136132*	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)	
SHALER TWP	PAG136146	No		Unnamed Tributaries to Pine Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients (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						
SOUTH FAYETTE TWP	PAG136282	No		Dolphin Run		TDS, Turbidity (5)
				Coal Run	Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	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)
				Fishing Run		TDS, Turbidity (5)
				Unnamed Tributaries to Coal Run	Appendix E-Organic Enrichment/Low D.O. (5)	
				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)
				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)		
SOUTH PARK TWP	PAG136291	No		Monongahela River	Appendix C-PCB (4a)	
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Sleepy Hollow Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Catfish Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (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		Unnamed Tributaries to Ohio River	Appendix A-Metals (5), 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)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SWISSVALE BORO	PAG136200	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ninemile Run		Nonpriority Organics, Un-ionized Ammonia (5), Water/Flow Variability (4c)
				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						
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		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)	
				Sawmill Run	Appendix E-Siltation (5)	
UPPER ST CLAIR TWP	PAG136270	Yes	TMDL Plan	Brush Run (Washington)	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation, Suspended Solids, Turbidity (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)
				Graesers Run	Appendix E-Nutrients, Siltation (5)	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)
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				Unnamed Tributaries to Chartiers Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c), Turbidity (4a)
VERONA BORO	PAG136323	No		Indian Creek	Appendix A-Metals (5)	Oil and Grease (5)
				Plum Creek	Appendix A-Metals (4a)	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		Dawson Run	Appendix E-Nutrients, Siltation (5)	TDS (5)
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Flow Alterations, Other Habitat Alterations (4c), TDS, Turbidity (5)
				Little Deer Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				West Branch Deer Creek	Appendix E-Nutrients, Siltation (5)	
				Cunningham Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
WEST ELIZABETH BORO	PAG136324*	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
Allegheny County						
WEST HOMESTEAD BORO	PAG136307	No		West Run	Appendix A-pH (5), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
WEST MIFFLIN BORO	PAG136166	No		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)	
				Homestead Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Thompson Run	Appendix A-Metals (4a)	
WEST VIEW BORO	PAG136195	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Spruce Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients (5)	Oil and Grease (5), Other Habitat Alterations (4c)
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)	
				Crooked Run	Appendix E-Siltation (5)	
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
WHITEHALL BORO	PAG136222	Yes	TMDL Plan	Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Sawmill Run AMD and Sediment	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
Allegheny County						
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		Thompson Run	Appendix A-Metals, pH (4a)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Turtle Creek	Appendix E-Siltation (5)	
				Chalfant Run	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)	
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		Brady Run	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
				Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
KISKIMINETAS TWP		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
LEECHBURG BORO		No			No known water quality impairments at this time. Must comply with all other permit requirements.	
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						
ALIQIPPA CITY	PAG136334	No		Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
AMBRIDGE BORO	PAG136172	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (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		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), Appendix C-PCB (5)	
BIG BEAVER BORO	PAG136157*	No		Beaver River	Appendix C-PCB (4a), Appendix C-PCB (5)	
BRIDGEWATER BORO	PAG136228*	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
BRIGHTON TWP	PAG136159	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				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)	
CENTER TWP	PAG136272	No		Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to 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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Beaver County						
CHIPPEWA TWP	PAI136106	Yes	SP, IP	Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	Water/Flow Variability (4c)
				Walnut Bottom Run	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brady Run	Appendix E-Siltation (5)	
CONWAY BORO	PAG136209	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
DARLINGTON BORO	PAI136138*	No		McCautry Run	Appendix E-Organic Enrichment/Low D.O. (5)	
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		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)	
EAST ROCHESTER BORO	PAG136293*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Lacock Run	Appendix E-Organic Enrichment/Low D.O., Siltation (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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Beaver County						
HOMEWOOD BORO	PAG136313*	No		Clarks Run	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix C-PCB (5)	
HOPEWELL TWP	PAG136178	No		Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Raccoon Creek	Appendix E-Siltation (4a)	
				Raccoon Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Trammill Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (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		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
NEW BRIGHTON BORO	PAG136124	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)	
				Blockhouse Run	Appendix E-Siltation (5)	
NEW SEWICKLEY TWP	PAG136280	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Connoquenessing Creek	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O. (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)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Walnut Bottom 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
Beaver County						
PATTERSON TWP	PAG136289	No		Brady Run	Appendix E-Siltation (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)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
POTTER TWP	PAG136368*	No		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)	
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		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				McKinley Run	Appendix E-Suspended Solids (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
ROCHESTER TWP	PAG136298	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				McKinley Run	Appendix E-Suspended Solids (5)	
				Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
				Lacock Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SOUTH BEAVER TWP	PAI136111	Yes	SP		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		Twomile Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
WEST MAYFIELD BORO	PAG136260	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)
WHITE TWP	PAG136296	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Walnut Bottom 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
Berks County						
ALSACE TWP	PAG133501	No		Bernhart Creek		TDS (4a)
				Laurel Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River		Other Habitat Alterations, Water/Flow Variability (4c), TDS (4a)
				Antietam Creek	Appendix B-Pathogens (5)	
AMITY TWP	PAG133511	No		Unnamed Tributaries to Schuylkill River		Cause Unknown (5)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
BALLY BORO	PAG133502	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
BECHTELSVILLE BORO	PAI133509	Yes	SP, IP	Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
BERN TWP	PAG133531	No		Tulpehocken Creek	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Plum Creek	Appendix C-Pesticides (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Irish Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Nutrients, Siltation (5)	
BIRDSBORO BORO	PAG133530	No		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	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Muddy Creek	Appendix E-Siltation (5)	
				Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
CENTERPORT BORO		No		Plum Creek	Appendix E-Siltation (5)	
				Irish Creek	Appendix E-Siltation (5)	
CENTRE TWP	PAG133667*	No		Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Plum Creek	Appendix E-Siltation (5)	
				Irish 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
Berks County						
COLEBROOKDALE TWP	PAG133528	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
CUMRU TWP	PAI133507	Yes	TMDL Plan, SP, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)
				Unnamed Tributaries to Wyomissing Creek		Flow Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
DOUGLASS TWP	PAG133574*	No		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	No		Unnamed Tributaries to Antietam Creek	Appendix E-Siltation (5)	
				Antietam Creek	Appendix B-Pathogens (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Trout Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Schuylkill River	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		Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Nutrients (5)	
				Spring Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Tulpehocken Creek		Cause Unknown (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)	
				Perkiomen Creek	Appendix E-Nutrients, Siltation (5)	Thermal Modifications (5)
KENHORST BORO	PAG133515	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
LAURELDALE BORO	PAG133518	No		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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment	
Berks County							
LEESPORT BORO	PAG133527	No		Unnamed Tributaries to Schuylkill River		Water/Flow Variability (4c)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)		
LONGSWAMP TWP	PAI133512*	Yes	SP	Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)	
				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)	
LOWER ALSACE TWP	PAG133519	No		Unnamed Tributaries to Schuylkill River		Other Habitat Alterations (4c)	
				Antietam Creek	Appendix B-Pathogens (5)		
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)		
LOWER HEIDELBERG TWP	PAG133520	No		Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)		
				Schuylkill River	Appendix C-PCB (4a)		
				Tulpehocken Creek	Appendix E-Nutrients (5)		
				Spring Creek	Appendix E-Nutrients, Siltation (5)		
				Little Cacoosing Creek	Appendix E-Nutrients, Siltation (4a)		
				Manor Creek	Appendix E-Nutrients, Siltation (4a)		
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)		
MAIDENCREEK TWP	PAG133521	Yes	TMDL Plan	Unnamed Tributaries to Willow Creek	Appendix B-Pathogens (5)		
				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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)		
				Little Swatara Creek	Appendix B-Pathogens (5)		
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)		
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O. (4a)		
MOHNTON BORO	PAI133500	Yes	TMDL Plan, SP, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)	
				Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)	
				Unnamed Tributaries to Wyomissing Creek		Flow Alterations (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						
MT PENN BORO	PAG133513	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Antietam Creek	Appendix B-Pathogens (5)	
MUHLENBERG TWP	PAG133522	No		Schuylkill River PCB TMDL	Appendix C-PCB (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)
				Bernhart Creek		TDS (4a)
OLEY TWP	PAG133580	Yes	SP		No known water quality impairments at this time. Must comply with all other permit requirements.	
ONTELAUNEE TWP	PAI130024	Yes	TMDL Plan, IP	Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Flow Alterations (4c)
				Lake Ontelaunee TMDL	TMDL Plan-Nutrients, Suspended Solids (4a)	
				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)	
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		Cause Unknown (4a)
				Unnamed Tributaries to Schuylkill River		Other Habitat Alterations, Water/Flow Variability (4c), TDS (4a)
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
RICHMOND TWP	PAG133524	No		Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
ROBESON TWP	PAG133525	No		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.	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Berks County						
RUSCOMBMANOR TWP	PAG133668*	No		Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
SHILLINGTON BORO	PAI133502	Yes	TMDL Plan, SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
SHOEMAKERSVILLE BORO		No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
SINKING SPRING BORO	PAG133509	No		Tulpehocken Creek	Appendix E-Nutrients (5)	
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
SOUTH HEIDELBERG TWP	PAG133709	No		Tulpehocken Creek	Appendix E-Nutrients (5)	
				Spring Creek	Appendix E-Nutrients, Siltation (5)	
				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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)	
SPRING TWP	PAI133503	Yes	TMDL Plan, SP, IP	Schuylkill River	Appendix C-PCB (4a)	
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Little Muddy Creek	Appendix E-Siltation (5)	
Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)				
ST LAWRENCE BORO	PAG133508	No		Antietam Creek	Appendix B-Pathogens (5)	
				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						
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)
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	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
WASHINGTON TWP	PAI133518	Yes	SP, IP	Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Swamp Creek		Flow Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Unnamed Tributary Of Swamp Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
WERNERSVILLE BORO	PAG133506	No		Tulpehocken Creek	Appendix E-Nutrients (5)	
				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)	
				Manor Creek	Appendix E-Nutrients, Siltation (4a)	
				Little Cacoosing Creek	Appendix E-Nutrients, Siltation (4a)	
WEST READING BORO	PAI133504	Yes	TMDL Plan, IP	Wyomissing Creek		Cause Unknown (4a)
				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)
WOMEUSDORF BORO	PAI133522	Yes	IP	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
Berks County						
WYOMISSING BORO	PAI133506	Yes	TMDL Plan, SP, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				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
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)	
				Sugar Run	Appendix A-Metals, pH (4a)	
				Spencer Run	Appendix E-Siltation (5)	
ALTOONA CITY	PAG133662	Yes	TMDL Plan	Mill Run	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Burgoon Run	Appendix A-Metals (4a)	
				Little Juniata River	Appendix B-Pathogens (5)	
				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)
ANTIS TWP	PAI133521	Yes	TMDL Plan, IP	Little Juniata River Watershed	TMDL Plan-Organic Enrichment/Low D.O., Siltation (4a)	Cause Unknown (4a)
				Little Juniata River	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (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		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)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
FRANKSTOWN TWP	PAG133661	No		Unnamed Tributaries to Frankstown Branch Juniata River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				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)
				Frankstown Branch Juniata River	Appendix E-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
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	Mill Run	Appendix E-Siltation (5)	
				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)	
				Little Juniata River Watershed	TMDL Plan-Organic Enrichment/Low D.O., Siltation (4a)	Cause Unknown (4a)
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		Deep Run	Appendix E-Nutrients, Siltation (5)	
				Delaware River		Mercury (5)
BENSALEM TWP	PAG130045	Yes	TMDL Plan	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)	
				Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Poquessing Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Delaware River	Appendix C-PCB (4a)	
				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	Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Mill Creek	Appendix C-PCB (4a), 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 Delaware River		Cause Unknown (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)	
				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)
				Delaware River	Appendix C-PCB (4a)	
Unnamed Tributaries to Mill Creek		Flow Alterations (4c)				
BUCKINGHAM TWP	PAI130515	Yes	TMDL Plan, SP, IP	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)	

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	Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
DOYLESTOWN BORO	PAG130035	No		Cooks Run	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
DOYLESTOWN TWP	PAG130007	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Mill Creek	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Pine Run	Appendix E-Excessive Algal Growth (5)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Cooks Run	Appendix E-Nutrients (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
DUBLIN BORO		No		Deep Run	Appendix E-Nutrients, Siltation (5)	
EAST ROCKHILL TWP	PAG130162	No		Threemile Run	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow 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						
FALLS TWP	PAG130050	No		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 Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Biles Creek	Appendix C-PCB (4a)	
				Delaware River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				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)
				Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
HILLTOWN TWP	PAG130040	Yes	TMDL Plan	Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (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)
				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)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
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	Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (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)

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)	
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
LOWER MAKEFIELD TWP	PAG130011	No		Core Creek	Appendix E-Siltation (4a)	
				Buck Creek		Cause Unknown (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)	
				Delaware River	Appendix C-PCB (4a)	Mercury (5)
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				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)
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Brock Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)				
LOWER SOUTHAMPTON TWP	PAG130030	Yes	TMDL Plan	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)	
				Poquessing Creek	Appendix C-PCB (5), 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
Bucks County						
MIDDLETOWN TWP	PAG130028	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)	
				Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Delaware River	Appendix C-PCB (4a)	
			Mill Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)	
MILFORD TWP	PAI130022	Yes	SP, IP	Beaver Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delmont Lake		Exotic Species (5)
				Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Beaver Run		Other Habitat Alterations (4c)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
MORRISVILLE BORO	PAG130104	No		Delaware River	Appendix C-PCB (4a)	
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
NEW BRITAIN BORO	PAG130154	Yes	TMDL Plan	Cooks Run	Appendix E-Nutrients (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)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (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	Cooks Run	Appendix E-Nutrients (5)	
				Pine Run	Appendix E-Excessive Algal Growth (5)	
				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)	
				Mill Creek	Appendix E-Nutrients (5)	
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (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)
				Reading Creek	Appendix E-Excessive Algal Growth (5)	
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
			Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)	
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)
				Core Creek	Appendix E-Siltation (4a)	
				Delaware River		Mercury (5)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
NORTHAMPTON TWP	PAG130098	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Mill Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (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)

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	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)
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Delaware River	Appendix C-PCB (4a)	
PERKASIE BORO	PAG130139	No		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)
				Pleasant Spring Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
PLUMSTEAD TWP	PAG130106	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Delaware River		Mercury (5)
				Pine Run	Appendix E-Excessive Algal Growth (5)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Lake Galena (Peace Valley PA617)	Appendix E-Nutrients (5)	
Deep Run	Appendix E-Nutrients, Siltation (5)					
QUAKERTOWN BORO	PAG130096	No		Unnamed Tributaries to Beaver Run		Other Habitat Alterations (4c)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Beaver Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
RICHLAND TWP	PAI130007	Yes	SP, IP	Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Beaver Run		Other Habitat Alterations (4c)
				Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delmont Lake		Exotic Species (5)
				Beaver Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
RICHLANDTOWN BORO		No		Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
SELLERSVILLE BORO	PAG130155	No		Mill Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Mill Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow 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						
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*	No		Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
TRUMBAUERSVILLE BORO	PAI130540	Yes	SP, IP	Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delmont Lake		Exotic Species (5)
TULLYTOWN BORO	PAG130161	No		Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
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)
				Mill Creek	Appendix E-Siltation (4a)	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)	
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
Unnamed Tributaries to Southampton Creek	Appendix B-Pathogens (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	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Pennypack Creek	Appendix C-Priority Organics (5)	
				Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Mill Creek		Other Habitat Alterations, 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)
				Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Pennypack Creek Neshaminy Creek TMDL	Appendix E-Siltation (5) TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (5)
WARRINGTON TWP	PAG130055	Yes	TMDL Plan	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)	
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (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)
				Unnamed Tributaries to Mill Creek Unnamed Tributaries to Neshaminy Creek		Flow Alterations (4c) Water/Flow Variability (4c)
WARWICK TWP	PAG130074	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (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)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
WEST ROCKHILL TWP	PAG130046	Yes	SP	Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Threemile Run	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delmont Lake		Exotic Species (5)
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
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		Brock Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Buck Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	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
Butler County						
ADAMS TWP	PAG138301	No		Kaufman Run	Appendix E-Siltation (5)	
				Connoquenessing Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
BUFFALO TWP	PAI138304	Yes	SP, IP	Sarver Run		Cause Unknown (5)
				Little Bull Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Buffalo Creek	Appendix E-Siltation (5)	
				Buffalo Creek		Cause Unknown (5)
				Unnamed Tributaries to Little Buffalo Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
Little Buffalo Creek		Cause Unknown (5)				
BUTLER CITY	PAG138329	No		Connoquenessing Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Sullivan Run		Cause Unknown (5)
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		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Connoquenessing Creek	Appendix E-Organic Enrichment/Low D.O. (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		Connoquenessing Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
JACKSON TWP		No		Little Connoquenessing Creek	Appendix A-Metals (4a)	
				Glade Run		Cause Unknown (5)
				Connoquenessing Creek	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Breakneck 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
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	Little Buffalo Creek	Appendix E-Nutrients (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Buffalo Creek		Cause Unknown (5)
ZELIENOPLE BORO		No		Glade Run		Cause Unknown (5)
				Connoquenessing Creek	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O. (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		Paint Creek	Appendix A-Metals, pH (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Paint Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
BROWNSTOWN BORO	PAG136360	No		Elk Run		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
CONEMAUGH TWP	PAG136139	No		Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Solomon Run		Other Habitat Alterations (4c)
DAISYTOWN BORO	PAG136321	No		Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DALE BORO	PAG136224	No		Solomon Run		Other Habitat Alterations (4c)
				Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
EAST CONEMAUGH BORO	PAG136361	No		Little Conemaugh River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
EAST TAYLOR TWP	PAG136341	No		Hinckston Run	Appendix E-Siltation (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Conemaugh River		Other Habitat Alterations (4c)
FERNDALE BORO	PAG136286	No		Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
FRANKLIN BORO	PAG136362*	No		Clapboard Run		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Conemaugh River		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	No		Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Solomon Run		Other Habitat Alterations (4c)
				Stonycreek River		Other Habitat Alterations (4c)
JACKSON TWP	PAG136114	No		Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Hinckston Run	Appendix E-Siltation (4a)	Other Habitat Alterations (4c)
JOHNSTOWN CITY	PAG136245	No		Little Conemaugh River		Other Habitat Alterations (4c)
				Hinckston Run	Appendix E-Siltation (4a)	Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Mill Creek		Cause Unknown (5)
				Saint Clair Run		Other Habitat Alterations (4c)
				Unnamed Tributaries to Elk Run		Other Habitat Alterations (4c)
				Unnamed Tributaries to Cheney Run		Cause Unknown (5)
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Solomon Run		Other Habitat Alterations (4c)
				Conemaugh River	Appendix E-Suspended Solids (4a)	
Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)				
LORAIN BORO	PAG136244	No		Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
LOWER YODER TWP	PAG136288	No		Saint Clair Run		Other Habitat Alterations (4c)
				Elk Run		Other Habitat Alterations (4c)
				Conemaugh River	Appendix E-Suspended Solids (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
MIDDLE TAYLOR TWP	PAG136349	No		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	No		Paint Creek	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
				Solomon Run		Other Habitat Alterations (4c)
				Little Paint Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
SCALP LEVEL BORO	PAG136233	No		Paint Creek	Appendix A-Metals, pH (4a)	
				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)	
SOUTHMONT BORO	PAG136218	No		Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Cheney Run		Cause Unknown (5)
				Unnamed Tributaries to Mill Creek		Cause Unknown (5)
STONYCREEK TWP	PAG136107	No		Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Solomon Run		Other Habitat Alterations (4c)
				Sams Run	Appendix E-Siltation (4a)	Cause Unknown (5)
UPPER YODER TWP	PAI136120	Yes	SP, IP	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
WEST TAYLOR TWP	PAI136117*	Yes	SP	Conemaugh River	Appendix E-Suspended Solids (4a)	
				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						
WESTMONT BORO	PAI136121	Yes	SP, IP	Saint Clair Run		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Unnamed Tributaries to Saint Clair Run	Appendix E-Siltation (4a)	
				Elk Run		Other Habitat Alterations (4c)
Carbon County						
BANKS TWP	PAG132280	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Black Creek	Appendix A-Metals, pH (4a)	
				Cross Run	Appendix A-Metals (4a)	
				Catawissa Creek	Appendix A-Metals (4a)	
BEAVER MEADOWS BORO	PAG132302*	No		Black Creek	Appendix A-Metals, pH (4a)	
BOWMANSTOWN BORO	PAG132202*	No		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	No		Lehigh River	Appendix A-Metals (4a), Appendix A-Metals (5)	
MAHONING TWP	PAG132289*	No		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*	No		Spring Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Bald Eagle Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Logan Branch	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O. (5)	
COLLEGE TWP	PAI134803	Yes	SP, IP	Logan Branch	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				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)	
FERGUSON TWP	PAI134805	Yes	SP, IP	Slab Cabin Run	Appendix E-Siltation (5)	Flow Alterations (4c), Thermal Modifications (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Spring Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (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	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Buffalo Run	Appendix E-Siltation (5)	
				Spring Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
SPRING TWP		Yes	SP	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)	
STATE COLLEGE BORO	PAI134804	Yes	SP, IP	Spring Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Slab Cabin Run	Appendix E-Siltation (5)	Flow Alterations (4c), Thermal Modifications (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						
ATGLEN BORO		No		East Branch Octoraro Creek	Appendix E-Nutrients, Siltation (5)	
				Valley Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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)	
				Trout Run	Appendix C-Pesticides (4a)	
				White Clay Creek	Appendix B-Pathogens (5)	
				East Branch 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)
				Unnamed Tributaries to Brandywine Creek		Other Habitat Alterations (4c)
				Radley Run		Water/Flow Variability (4c)
				Plum Run		Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
CALN TWP	PAG130053	No		Beaver 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)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
CHARLESTOWN TWP	PAI130507	Yes	SP, IP	Pigeon Run	Appendix B-Pathogens (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				French Creek	Appendix B-Pathogens (5)	
				Pine Creek		Cause Unknown (5)
				Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Pickerling Creek		Cause Unknown (5), Water/Flow Variability (4c)				
COATESVILLE CITY	PAG130066	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)	
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
				Sucker Run		Water/Flow Variability (4c)
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to Unnamed Tributary To West Branch Brandywine 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
Chester County						
DOWNINGTOWN BORO	PAG130140	No		East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
EAST BRADFORD TWP	PAI130523	Yes	TMDL Plan, SP, IP	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Broad Run		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)
				Plum Run		Water/Flow Variability (4c)
				Taylor Run		Other Habitat Alterations (4c)
				West Valley Creek		Water/Flow Variability (4c)
				Blackhorse Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Brandywine Creek		Other Habitat Alterations (4c)
East Branch Brandywine Creek		Cause Unknown (4a), Water/Flow Variability (4c)				
EAST BRANDYWINE TWP	PAI130524	Yes	SP, IP	Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (4a)	
				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)
				Culbertson Run	Appendix E-Siltation (4a)	Other Habitat Alterations (4c)
EAST CALN TWP	PAI130536	Yes	IP	East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
EAST COVENTRY TWP	PAI130501	Yes	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)
EAST FALLOWFIELD TWP	PAI130512	Yes	TMDL Plan, SP, IP	East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, 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)	
				Beaver Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
Sucker Run		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
Chester County						
EAST GOSHEN TWP	PAI130520	Yes	SP, IP	Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Hunters Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				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)
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)	
EAST NOTTINGHAM TWP		Yes	SP	North East Creek	Appendix E-Siltation (5)	
				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)
EAST PIKELAND TWP	PAI130514	Yes	SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				French Creek	Appendix B-Pathogens (5)	
				Stony Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
EAST VINCENT TWP	PAI130518	Yes	SP, IP	French Creek	Appendix B-Pathogens (5)	
				Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				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)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
EAST WHITELAND TWP	PAI130508	Yes	SP, IP	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)
				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)	
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	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
Chester County						
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	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Indian Run	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				White Clay Creek	Appendix B-Pathogens (5)	
				West 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	Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
KENNETT SQUARE BORO	PAG130037	Yes	TMDL Plan	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				West Branch Red Clay Creek	Appendix C-PCB (4a)	
				Red Clay Creek	Appendix C-PCB (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
KENNETT TWP	PAG130146	Yes	TMDL Plan	Unnamed Tributaries to East Branch Red Clay Creek		Cause Unknown (4a)
				Red Clay Creek	Appendix C-PCB (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Burrows Run	Appendix C-PCB (4a)	
				Burroughs Brook	Appendix C-PCB (4a)	
				Bucktoe Creek	Appendix C-PCB (4a)	
West Branch Red Clay Creek	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
Chester County						
LONDON BRITAIN TWP	PAG130062	Yes	TMDL Plan	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)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				Walnut Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				West Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
LONDON GROVE TWP	PAI130503	Yes	TMDL Plan, SP, IP	Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				White Clay Creek	Appendix B-Pathogens (5)	
				Indian Run	Appendix B-Pathogens (5)	
				East Branch 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)	
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)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
MALVERN BORO	PAI130525	Yes	SP, IP	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)
				Crum Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (5), 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	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				West Branch Red Clay Creek	Appendix C-PCB (4a)	
				Bucktoe Creek	Appendix C-PCB (4a)	
				White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Egypt Run	Appendix B-Pathogens (5)	
				Red Clay Creek	Appendix C-PCB (4a)	
				Trout Run	Appendix C-Pesticides (4a)	
				Unnamed Tributaries to East Branch White Clay Creek		Other Habitat Alterations (4c)
				Walnut Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
Broad Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)				
NEW LONDON TWP	PAI130526	Yes	TMDL Plan, SP, IP	West Branch 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 Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				White Clay Creek	Appendix B-Pathogens (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)	
				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)	
NORTH COVENTRY TWP	PAI130537	Yes	SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
OXFORD BORO		Yes	SP	Unnamed Tributaries to Little Elk Creek		Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Elk Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
				Octoraro Lake	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
Chester County						
PARKESBURG BORO	PAG130081	Yes	TMDL Plan	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)	
				Valley Creek	Appendix E-Siltation (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch Octoraro Creek	Appendix E-Nutrients (5)	
PENN TWP	PAI130539	Yes	TMDL Plan, SP, IP	West Branch White Clay Creek	Appendix B-Pathogens (5)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (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	SP, IP	French Creek	Appendix B-Pathogens (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
POCOPSON TWP	PAG130113	Yes	TMDL Plan	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
SADSBURY TWP	PAG130101	Yes	TMDL Plan	Sucker Run		Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Buck Run		Other Habitat Alterations (4c)
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
SCHUYLKILL TWP	PAI130533	Yes	SP, IP	Pickering Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Schuylkill River		Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Pickering Creek		Cause Unknown (5)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				French Creek	Appendix B-Pathogens (5)	
				Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
SOUTH COVENTRY TWP	PAI130541	Yes	SP, IP	French Creek	Appendix B-Pathogens (5)	
				Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
SPRING CITY BORO	PAG130070	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Cause Unknown (5)
THORNBURY TWP	PAG130067	Yes	TMDL Plan	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Waln Run	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Radley Run		Water/Flow Variability (4c)
				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)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
TREDYFFRIN TWP	PAI130504	Yes	SP, IP	Crow 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)
				Trout Creek	Appendix E-Siltation (5)	Cause Unknown (4a), Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				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)
				Little Darby Creek	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				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)
UPPER OXFORD TWP	PAI130004	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
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)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Chester County						
UWCHLAN TWP	PAI130505	Yes	SP, IP	Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Shamona Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Brandywine Creek	Appendix E-Siltation (4a)	
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Pine Creek		Cause Unknown (5), Water/Flow Variability (4c)
VALLEY TWP	PAG130150	Yes	TMDL Plan	Sucker Run		Water/Flow Variability (4c)
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to Unnamed Tributary To West Branch Brandywine Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Sucker Run		Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
WALLACE TWP	PAI130529	Yes	TMDL Plan, SP, IP	East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, 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)	
WEST BRADFORD TWP	PAI130511	Yes	TMDL Plan, SP, IP	West Branch Brandywine Creek	Appendix C-PCB (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)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Broad Run		Cause Unknown (4a)
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)
				Unnamed Tributaries to West Branch Brandywine Creek		Cause Unknown (4a)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Culbertson Run	Appendix E-Siltation (4a)	Other Habitat Alterations (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)	

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 CALN TWP	PAG130145	Yes	TMDL Plan, SP	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)	
				Indian Spring Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
WEST CHESTER BORO	PAG130002	Yes	TMDL Plan	Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Blackhorse Run	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Plum Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Taylor Run	Appendix E-Siltation (4a)	Cause Unknown (4a), Other Habitat Alterations (4c)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Brandywine Creek	Appendix E-Siltation (4a)	
WEST GOSHEN TWP	PAI130532	Yes	TMDL Plan, SP, IP	John Smedley Run		Water/Flow Variability (4c)
				Plum Run		Water/Flow Variability (4c)
				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)
				Broad Run		Water/Flow Variability (4c)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, 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)
WEST GROVE BORO	PAG130144	Yes	TMDL Plan	East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to East Branch White Clay Creek		Other Habitat Alterations (4c)
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
WEST NOTTINGHAM TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				North East 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
Chester County						
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 SADBURY TWP	PAG130170	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)	
				Pine Creek	Appendix E-Nutrients, Siltation (5)	
WEST VINCENT TWP	PAG130172*	Yes	SP	Schuylkill River	Appendix C-PCB (4a)	
				Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5), Water/Flow Variability (4c)
				French Creek	Appendix B-Pathogens (5)	
				Birch Run	Appendix B-Pathogens (5)	
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
WEST WHITELAND TWP	PAI130530	Yes	SP, IP	Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Brandywine Creek	Appendix E-Siltation (4a)	
				Broad Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				East Branch Brandywine Creek		Cause Unknown (4a), 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	Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				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)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Radley Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Plum Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Hunters Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				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						
WILLISTOWN TWP	PAI130521	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)
				Crum Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Hunters Run	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)
				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
Columbia County						
BERWICK BORO		No		Unnamed Tributaries to Susquehanna River		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
BRIAR CREEK TWP		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				East Branch Briar Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Thermal Modifications (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CATAWISSA BORO		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Catawissa Creek	Appendix A-Metals (4a)	
CATAWISSA TWP		No		Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
HEMLOCK TWP		No		Frozen Run	Appendix E-Siltation (4a)	
				West Hemlock Creek	Appendix E-Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				Hemlock Creek	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
MAIN TWP		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MIFFLIN TWP		No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Nescopeck Creek	Appendix A-Metals, pH (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
Columbia County						
MONTOUR TWP		No		Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Montour Run	Appendix E-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		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Fishing Creek	Appendix E-Siltation (5)	
				Kinney Run	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SOUTH CENTRE TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
Crawford County						
MEADVILLE CITY	PAG138312	No		French Creek		Mercury (5)
				Mill Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Flow Alterations, Other Habitat Alterations (4c), Thermal Modifications (5)
				Dick Run	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Cemetery Run	Appendix E-Siltation (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
Cumberland County						
CAMP HILL BORO	PAG133549	No		Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Cedar Run	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Holtz Run	Appendix B-Pathogens (5)	
				Susquehanna River	Appendix C-PCB (5)	
HAMPDEN TWP	PAI133513	Yes	SP, IP	Holtz Run	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)
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Pine 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 Cedar Run		Cause Unknown (5), Flow Alterations (4c)
				Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Yellow Breeches 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
Cumberland County						
MECHANICSBURG BORO	PAG133553	No		Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
				Unnamed Tributaries to Cedar Run		Flow Alterations, Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
MIDDLESEX TWP		No		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)
				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)	
NEW CUMBERLAND BORO	PAG133677	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Cedar Run		Flow Alterations, Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
SILVER SPRING TWP	PAI133514	Yes	SP, IP	Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
				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)
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Cedar Run		Flow Alterations (4c)
				Unnamed Tributaries to Yellow Breeches Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
WORMLEYSBURG BORO	PAG133616	No		Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				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
Dauphin County						
CONEWAGO TWP	PAG133621	No		Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Iron Run	Appendix E-Siltation (5)	
				Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DAUPHIN BORO	PAG133550*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
DERRY TWP	PAG133637	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Iron Run	Appendix E-Siltation (5)	
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Swatara Creek	Appendix E-Siltation (5)	
			Susquehanna River	Appendix C-PCB (5)		
EAST HANOVER TWP	PAG133551*	No		Bow Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Raccoon Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Manada Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Bow Creek	Appendix E-Nutrients (4a), Appendix C-Priority Organics (5)	
				Manada Creek	Appendix B-Pathogens (5)	
				Raccoon Creek	Appendix E-DO/BOD (4a)	Flow Alterations (4c)
			Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)		
HARRISBURG CITY	PAG133642*	Yes	TMDL Plan, IP	Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Spring Creek		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
			Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)	
HIGHSPIRE BORO	PAG133544	No		Burd Run		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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		Susquehanna River	Appendix C-PCB (5)	
				Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a)	
				Iron Run	Appendix E-Siltation (5)	
				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)
				Lynch Run	Appendix E-Siltation (4a)	Cause Unknown, Turbidity (4a)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOWER PAXTON TWP	PAG133643	Yes	TMDL Plan	Unnamed Tributaries to Nyes Run		Flow Alterations, Other Habitat Alterations (4c)
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Nyes Run	Appendix B-Pathogens (5)	
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Slotznick Run		Cause Unknown (5)
				Spring Creek		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOWER SWATARA TWP	PAG133543	No		Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Unnamed Tributaries to Sherman Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Burd Run		Cause Unknown (5)
MIDDLE PAXTON TWP	PAG133688*	Yes	TMDL Plan, SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (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)
				Unnamed Tributaries to Sherman Creek	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)	
				Susquehanna River	Appendix C-PCB (5)	
				Spring Creek		Cause Unknown (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
Dauphin County						
PENBROOK BORO	PAG133555	Yes	TMDL Plan	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Spring Creek		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
ROYALTON BORO	PAG133641*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
SOUTH HANOVER TWP	PAG133500	No		Manada Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
STEELTON BORO	PAG133625	No		Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Swatara Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				Pennsylvania Canal	Appendix E-Siltation (5)	
SUSQUEHANNA TWP	PAG133633	Yes	TMDL Plan	Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Asylum Run		Other Habitat Alterations (4c)
				Slotznick Run		Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Spring Creek		Cause Unknown (5)
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
Asylum Run	Appendix B-Pathogens (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
Dauphin County						
SWATARA TWP	PAG133615	Yes	TMDL Plan	Unnamed Tributaries to Sherman Creek		Cause Unknown (5)
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Spring Creek		Cause Unknown (5)
				Slotznick Run		Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to Swatara Creek	Appendix E-Siltation (5)	
				Pennsylvania Canal	Appendix E-Siltation (5)	
			Susquehanna River	Appendix C-PCB (5)		
WEST HANOVER TWP	PAG133545	No		Unnamed Tributaries to Manada Creek	Appendix E-Nutrients (5)	
				Walnut Run	Appendix B-Pathogens (5)	
				Manada Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Beaver Creek	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
Delaware County						
ALDAN BORO	PAG130009	No		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), 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)
ASTON TWP	PAG130122	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)	
				Dutton 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)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Baldwin Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
BETHEL TWP	PAG130176	No		West Branch 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)
				Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				East 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)
				Webb 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)
				South Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)				
BROOKHAVEN BORO	PAG130125	No		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)
				Delaware River	Appendix C-PCB (4a)	
				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		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)
				Brandywine Creek	Appendix E-Siltation (4a)	
CHESTER CITY	PAG130090	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)
				Stoney Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Delaware River	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
CHESTER HEIGHTS BORO	PAG130119	No		Chester 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)
				Green Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
CHESTER TWP	PAG130089	No		Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Delaware River	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Baldwin Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
CLIFTON HEIGHTS BORO	PAG130143	No		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)
COLLINGDALE BORO	PAG130120	No		Delaware River	Appendix C-PCB (4a)	
				Darby 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)

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		Darby Creek	Appendix C-PCB (5)	
				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)
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
EAST LANSDOWNE BORO	PAG130124	No		Darby Creek	Appendix C-PCB (5)	
				Cobbs Creek	Appendix B-Pathogens (5), 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)
EDDYSTONE BORO	PAG130087	No		Delaware River	Appendix C-PCB (4a)	
				Crum Creek	Appendix C-PCB (4a)	
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
EDGMONT TWP	PAI130522	Yes	SP, IP	Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Big Run		Cause Unknown (5)
				Rocky Run	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		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)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
GLENOLDEN BORO	PAG130092	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)	
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				ShIPLEY Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
HAVERFORD TWP	PAG130077	No		Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ilthan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	
				Darby Creek	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)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
LANSDOWNE BORO	PAG130126	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)
				Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
LOWER CHICHESTER TWP	PAG130091	No		Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				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		Delaware River	Appendix C-PCB (4a)	
				Marcus Hook Creek	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						
MARPLE TWP	PAI130021	Yes	IP	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)
				Langford Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Whetstone Run	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)
				Trout Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
MEDIA BORO	PAG130115	No		Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Darby Creek	Appendix C-PCB (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)
MIDDLETOWN TWP	PAI130510	Yes	SP, IP	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)
				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)
				Crum Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Chrome Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
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		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)	
				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)	
				Shipleigh Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
NETHER PROVIDENCE TWP	PAG130099	No		Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (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)
				Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
NEWTOWN TWP	PAI130502	Yes	SP, IP	Saw Mill Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow 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)
				Foxes Run	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)
				Reeses Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Preston Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Hunter Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Lewis Run		Cause Unknown (5)
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)
				Darby Creek	Appendix C-PCB (5)	
				Delaware River	Appendix C-PCB (4a)	
PARKSIDE BORO	PAG130083	No		Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (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)	
				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						
PROSPECT PARK BORO	PAG130121	No		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)	
				Darby Creek	Appendix C-PCB (5)	
RADNOR TWP	PAG130102	No		Miles Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Finn Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Meadowbrook 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)
				Browns Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Doom Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Schuykill River	Appendix C-PCB (4a)	
				Darby Creek	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)
				Foxes Run	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)
				Valley Run	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)
				Camp Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	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)
				Ithan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Kirks Run	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)				
RIDLEY PARK BORO	PAG130086	No		Crum Creek	Appendix C-PCB (4a)	
				Darby Creek	Appendix C-PCB (5)	
				Delaware River	Appendix C-PCB (4a)	
				Little 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)
				Unnamed Tributaries to Crum Creek	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		Shipley Branch	Appendix C-PCB (5), 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)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Stony 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)	
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Little Crum Creek	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)				
ROSE VALLEY BORO	PAG130173	No		Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
RUTLEDGE BORO	PAG130177	No		Crum Creek	Appendix C-PCB (4a)	
				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)
SHARON HILL BORO	PAG130014	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						
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)
				Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Whiskey Run	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)
				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)	
				Lewis 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)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
SWARTHMORE BORO	PAG130001	No		Crum Creek	Appendix C-PCB (4a), 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)
				Delaware River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
THORNBURY TWP	PAI130517	Yes	TMDL Plan, IP	West 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)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Waln Run	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
TINICUM TWP	PAG130097	No		Unnamed Tributaries to Delaware River	Appendix C-PCB (5)	
				Long Hook Creek	Appendix C-PCB (5)	
				Delaware River	Appendix C-PCB (4a)	
				Darby Creek	Appendix C-PCB (5)	
TRAINER BORO	PAG130118	No		Delaware River	Appendix C-PCB (4a)	
				Marcus Hook Creek	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)

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)
				Unnamed Tributaries to West Branch Chester 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)	
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Spring Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER DARBY TWP	PAG130003	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)
				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), 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)
				Collen Brook	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	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 Ridley Creek		Other Habitat Alterations (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
YEADON BORO	PAG130128	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)

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)	
				Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	
FAIRVIEW TWP	PAG138332	No		Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Trout Run	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Lake Erie	Appendix E-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	West Branch Cascade Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
				Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Mill Creek	Appendix E-Siltation (5)	
SUMMIT TWP	PAG138330	No		Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				LeBoeuf Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to LeBoeuf Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
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)		
				Monongahela River	Appendix C-PCB (4a)		
				Redstone Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5)		
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		Unnamed Tributaries to Youghiogheny River	Appendix E-Organic Enrichment/Low D.O. (5)		
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	Dickerson Run	Appendix E-Organic Enrichment/Low D.O. (5)		
				Gist Run	Appendix E-Siltation (5)		
				Opossum Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)		Other Habitat Alterations (4c)
				Unnamed Tributaries to Youghiogheny River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)		Other Habitat Alterations (4c)
				Ferguson Run	Appendix A-Metals, pH (4a)		
EVERSON BORO	PAG136186*	No		Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)	
FAIRCHANCE BORO	PAG136358	No		Muddy Run	Appendix E-Siltation (5)		
				Georges Creek	Appendix A-Metals, pH (5), 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		Muddy Run	Appendix E-Siltation (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)	
				Coal Lick Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
GERMAN TWP		No		Browns Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				North Branch Browns Run	Appendix A-Metals, pH (5)	Flow Alterations (4c)
				Dunlap Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
LOWER TYRONE TWP	PAG136231*	No		Unnamed Tributaries to Youghiogheny River	Appendix E-Organic Enrichment/Low D.O. (5)	
LUZERNE TWP		No		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)	
				Monongahela River	Appendix C-PCB (4a)	
MENALLEN TWP		No		Dunlap Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
NORTH UNION TWP	PAG136311	No		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)	
				Cove Run	Appendix A-Metals (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Gist Run	Appendix E-Siltation (5)	
				Lick Run	Appendix A-Metals, pH (4a), 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)	
REDSTONE TWP		No		Dunlap Creek	Appendix A-Metals, pH (5), Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
				Lilly Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
SOUTH CONNELLSVILLE BORO	PAI136119	Yes	SP, 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		Bennington Spring Run	Appendix A-pH (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Coal Lick Run	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)
				Redstone Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
UNIONTOWN CITY	PAG136305	No		Coal Lick Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Redstone Creek	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Redstone Creek	Appendix A-pH (4a), Appendix E-Siltation, Suspended Solids (4a)	
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		Dickerson Run	Appendix E-Organic Enrichment/Low D.O. (5)	
WASHINGTON TWP	PAG136339*	No		Downers Run	Appendix A-Metals, pH (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				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
Franklin County						
ANTRIM TWP	PAG133705	Yes	SP	Unnamed Tributaries to Conococheague Creek		Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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	Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
				Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Rowe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Unnamed Tributaries to Conococheague Creek		Oil and Grease (5), Water/Flow Variability (4c)
				Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
LETTERKENNY TWP		No		Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Rocky Spring Branch	Appendix E-Siltation (5)	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	Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Aylesworth Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Laurel Run	Appendix A-pH (4a), Appendix E-Siltation (5)	
				White Oak Run	Appendix A-pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Callender Gap Creek	Appendix E-Siltation (5)	
				Wildcat Creek		Flow Alterations (4c)
West Branch Tinklepaugh Creek		Flow Alterations (4c)				
BENTON TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
BLAKELY BORO	PAG132252	Yes	SP	Hull Creek		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Wildcat Creek		Flow Alterations (4c)
				West Branch Tinklepaugh Creek		Flow Alterations (4c)
CARBONDALE CITY	PAI132246	Yes	SP, IP	Lackawanna River	Appendix A-Metals, pH (4a)	
				Coal Brook		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CARBONDALE TWP	PAG132309	Yes	SP	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)	
CLARKS GREEN BORO	PAG132209	No		Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				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)	
CLARKS SUMMIT BORO	PAG132207	No		Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow 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
Lackawanna County						
DALTON BORO	PAG132271	No		South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Ackerly Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
DICKSON CITY BORO	PAG132210	No		Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hull Creek		Other Habitat Alterations (4c)
				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)	
				Unnamed Tributaries to Lackawanna River		Flow Alterations, Other Habitat Alterations (4c)
				Stafford Meadow Brook		Other Habitat Alterations (4c)
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Eddy Creek		Flow Alterations (4c)
				Roaring Brook	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
FELL TWP	PAI132260	Yes	SP, IP	Wilson Creek	Appendix A-Metals, pH (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Coal Brook		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
GLENBURN TWP		No		South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
JERMYN BORO	PAI132245	Yes	SP, IP	Lackawanna River	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Callender Gap Creek	Appendix E-Siltation (5)	
				Aylesworth Creek	Appendix E-Siltation (5)	
JESSUP BORO	PAI132244	Yes	SP, IP	Sterry Creek		Flow Alterations, Other Habitat Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (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						
LAPLUME TWP		No		South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
MAYFIELD BORO	PAI132243	Yes	SP, IP	Unnamed Tributaries to Lackawanna River	Appendix E-Siltation (5)	
				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)	
MOOSIC BORO	PAG132264	Yes	SP	Spring Brook		Cause Unknown (5)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Stafford Meadow Brook		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Covey Swamp Creek		Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	
				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)				
NEWTON TWP	PAG132296*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
OLD FORGE BORO	PAG132256	No		Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), 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)	
				Saint Johns Creek	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)	
				Sterry Creek		Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Lackawanna River		Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (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
Lackawanna County						
SCOTT TWP	PAI132242	Yes	IP	Hull Creek		Other Habitat Alterations (4c)
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Lackawanna Lake	Appendix E-Organic Enrichment/Low D.O. (5)	Mercury (Lakes) (5)
				Kennedy Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SCRANTON CITY	PAI132203	Yes	IP	Unnamed Tributaries to Lackawanna River		Other Habitat Alterations (4c)
				Roaring Brook	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
SOUTH ABINGTON TWP	PAG132208	No		Leggetts 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)	
				Summit Lake Creek	Appendix E-Siltation (5)	Thermal Modifications (5)
				Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
TAYLOR BORO	PAG132205	No		Unnamed Tributaries to Saint Johns Creek		Cause Unknown (5)
				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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
THROOP BORO	PAG132253	No		Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Eddy Creek		Flow Alterations (4c)
				Unnamed Tributaries to Lackawanna 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
Lackawanna County						
VANDLING BORO	PAI132241	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WAVERLY TWP	PAG132267	No		Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ackerly Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
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
Lancaster County						
ADAMSTOWN BORO	PAG133610	No		Little Muddy Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
AKRON BORO	PAG133588	No		Unnamed Tributaries to Conestoga River	Appendix E-Siltation (5)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BRECKNOCK TWP	PAG133602	Yes	SP	Little Muddy Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Muddy Creek	Appendix E-Nutrients, Siltation (5)	
CAERNARVON TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CHRISTIANA BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Octoraro Creek	Appendix E-Nutrients, Siltation (5)	
				Williams Run	Appendix E-Nutrients, Siltation (5)	
				Pine Creek	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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Unnamed Tributaries to Susquehanna River		Other Habitat Alterations (4c)
				Shawnee Run	Appendix E-Siltation (5)	Flow Alterations (4c)
CONESTOGA TWP	PAG133638	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River		Mercury (5)
CONOY TWP		No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conoy Creek	Appendix B-Pathogens (5)	
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		Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Groff Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
EAST COCALICO TWP	PAG133572	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Muddy Creek	Appendix E-Nutrients, Siltation (5)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Stony Run	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Little Muddy Creek	Appendix E-Siltation (5)	
EAST DONEGAL TWP	PAG133612	No		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, Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
EAST EARL TWP	PAI133519	Yes	SP, IP	Cedar Creek	Appendix E-Nutrients (5)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Cedar Creek	Appendix E-Siltation (5)	
				Shirks Run	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
EAST HEMPFIELD TWP	PAG133632	No		Swarr Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Brubaker Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				Millers Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				West Branch Little Conestoga Creek	Appendix E-Nutrients, Siltation (5)	
				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						
EAST LAMPETER TWP	PAG133541	No		Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., 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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Stauffer Run	Appendix E-Siltation (5)	
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)
				Lititz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Santo Domingo Creek	Appendix E-Suspended Solids (4a)	
				Hammer Creek	Appendix E-Nutrients, Siltation (5)	
ELIZABETHTOWN 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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Cocalico Creek		Other Habitat Alterations (4c)
EPHRATA TWP	PAG133538	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Meadow Run	Appendix E-Nutrients, Siltation (5)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Conestoga River	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Coover Run	Appendix E-Nutrients, Siltation (5)	
LANCASTER CITY	PAG133622*	No		Unnamed Tributaries to Conestoga River		Flow Alterations (4c)
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				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)

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		Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Conestoga River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEACOCK TWP	PAG133571	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Watson Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
LITITZ BORO	PAG133539	Yes	TMDL Plan	Lititz Run TMDL	TMDL Plan-Siltation, Suspended Solids, Turbidity (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Lititz Run	Appendix B-Pathogens (5)	
MANHEIM BORO	PAG133640	No		Unnamed Tributaries to Chiques Creek	Appendix E-Nutrients (4a)	Cause Unknown (5)
				Rife Run	Appendix E-Siltation (4a)	
				Chiques Creek	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MANHEIM TWP	PAG133534	No		Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Landis Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Bachman Run	Appendix B-Pathogens (5)	
Lititz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)					
MANOR TWP	PAG133537	No		Conestoga River		Mercury (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	
				West Branch Little Conestoga Creek	Appendix E-Nutrients, Siltation (5)	
				Wilmers Run	Appendix E-Siltation (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)	
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
Lancaster County						
MARIETTA BORO	PAG133598	No		Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MILLERSVILLE BORO	PAG133587	No		Conestoga River		Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	
MOUNT JOY TWP	PAG133578*	No		Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a), Appendix B-Pathogens (5)	
				Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				Conoy Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
MOUNTVILLE BORO	PAG133533	No		Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
MT JOY BORO	PAG133658	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Little Chiques Creek	Appendix E-Nutrients, Siltation (5)	
Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)					
NEW HOLLAND BORO	PAG133611	No		Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Conestoga River	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
Lancaster County						
PARADISE TWP	PAG133532	No		Calamus Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Houston Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Londonland Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Little Beaver Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Eshleman Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Pequea Creek	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		Conestoga River		Chlorine, Mercury (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (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		Rife Run	Appendix E-Siltation (4a)	
				Little Chiques Creek	Appendix E-Nutrients, Siltation (5)	
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SADSBURY TWP		No		Pine Creek	Appendix E-Nutrients, Siltation (5)	
				Williams Run	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Octoraro 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
Lancaster County						
SALISBURY TWP	PAG133619*	Yes	TMDL Plan, SP	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)	
STRASBURG BORO	PAG133715	No		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)	
				Walnut Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
STRASBURG TWP	PAG133694*	No		Calamus 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)	
TERRE HILL BORO	PAI133523	Yes	IP	Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
UPPER LEACOCK TWP	PAG133681	Yes	TMDL Plan	Unt Mill Creek TMDL	TMDL Plan-Nutrients, Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Mill Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WARWICK TWP	PAG133565	Yes	TMDL Plan	Bachman Run	Appendix B-Pathogens (5)	
				New Haven Run	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	
				Lititz Run TMDL	TMDL Plan-Siltation, Suspended Solids, Turbidity (4a)	
				Lititz Run	Appendix B-Pathogens (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)
				Hammer Creek	Appendix E-Nutrients, Siltation (5)	
Conestoga River	Appendix B-Pathogens (5), 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
Lancaster County						
WEST COCALICO TWP	PAG133542	No		Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST DONEGAL TWP		No		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)
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST EARL TWP	PAG133535	No		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)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
WEST HEMPFIELD TWP	PAG133536	No		Unnamed Tributaries to Susquehanna River		Other Habitat Alterations (4c)
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				Little Conestoga Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Little Conestoga Creek	Appendix E-Nutrients, Siltation (5)	
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Shawnee Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
WEST LAMPETER TWP	PAG133568	No		Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				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)
				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		Unnamed Tributaries to Mahoning River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Neshannock Creek	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Shenango River	Appendix E-Nutrients (5)	
				Shenango River	Appendix C-PCB (4a), Appendix C-PCB (5)	Cause Unknown (5)
				Mahoning River	Appendix C-PCB (5)	Cause Unknown (5)
				Beaver River	Appendix C-PCB (5)	Cause Unknown (5)
				Unnamed Tributaries to Jenkins Run		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						
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Snitz Creek	Appendix E-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)	
HEIDELBERG TWP		No		Hammer Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
JACKSON TWP	PAG133683	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Owl Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Tulpehocken Creek	Appendix E-Nutrients, Siltation (4a)	Cause Unknown (5)
				Deep Run	Appendix E-Nutrients, Siltation (4a)	
JONESTOWN BORO	PAG133695*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEBANON CITY	PAG133613	No		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)
				Unnamed Tributaries to Manada Creek		Flow Alterations, Other Habitat Alterations (4c)
				Brandywine Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
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)
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)

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 CORNWALL TWP	PAG133698	No		Beck Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				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)	
NORTH LEBANON TWP	PAG133679	No		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)	
				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)
				Bachman Run	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients (4a)	
				Brandywine Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
Tulpehocken Creek	Appendix E-Siltation (5)					
NORTH LONDONDERRY TWP	PAG133563	No		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)	
				Unnamed Tributaries to Killinger Creek	Appendix E-Siltation (4a)	Flow Alterations (4c)
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
PALMYRA BORO	PAG133558	No		Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
				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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Killinger Creek	Appendix E-Siltation (4a)	Flow Alterations (4c)
RICHLAND BORO		No		Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Tulpehocken Creek	Appendix E-Nutrients, Siltation (4a)	
SOUTH ANNVILLE TWP	PAG133623	No		Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Bachman Run	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Gingrich Run	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (4a), Appendix B-Pathogens (5)	
				Killinger Creek	Appendix E-Nutrients (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
Lebanon County						
SOUTH LEBANON TWP	PAG133684	No		Unnamed Tributaries to Snitz Creek	Appendix E-Siltation (4a)	
				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)	
				Unnamed Tributaries to Manada Creek		Flow Alterations, Other Habitat Alterations (4c)
SOUTH LONDONDERRY TWP	PAG133546	No		Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Killinger Creek	Appendix E-Nutrients, Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
SWATARA TWP	PAG133599	No		Unnamed Tributaries to Swatara Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
UNION TWP	PAG133682*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST CORNWALL TWP	PAG133699*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Snitz Creek	Appendix E-Siltation (4a)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
WEST LEBANON TWP	PAG133702	No		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)
				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
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	TMDL Plan, SP, IP	Little Cedar Creek TMDL	TMDL Plan-Suspended Solids (4a)	
				Unnamed Tributaries to Trout Creek		Flow Alterations (4c)
				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)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Cedar Creek	Appendix B-Pathogens (5)	
				Little Cedar Creek	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Trout Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
CATASAUQUA BORO	PAI132248	Yes	IP	Catasauqua Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
COOPERSBURG BORO	PAG132213	No		Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
COPLAY BORO	PAG132201	No		Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
EMMAUS BORO	PAI132226	Yes	SP, IP	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)	
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		Mill Creek	Appendix B-Pathogens (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
Lehigh County						
LOWER MACUNGIE TWP	PAI132222	Yes	SP, IP	Cedar Creek	Appendix B-Pathogens (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)
				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)
				Leibert Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
Spring Creek	Appendix B-Pathogens (5), Appendix E-Siltation (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	Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Mill Creek	Appendix B-Pathogens (5)	
				Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Jordan Creek		Other Habitat Alterations (4c)
Unnamed Tributaries to Coplay Creek	Appendix E-Suspended Solids (5)					
SALISBURY TWP	PAI132209	Yes	SP, IP	Saucon Creek	Appendix E-Siltation (5)	
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Cedar Creek	Appendix B-Pathogens (5)	
				Trout 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)	
SLATINGTON BORO	PAG132212	No		Lehigh River	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
Lehigh County						
SOUTH WHITEHALL TWP	PAI132221	Yes	TMDL Plan, 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)
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Cedar Creek	Appendix B-Pathogens (5)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER MACUNGIE TWP	PAI132205	Yes	TMDL Plan, SP, IP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Schaefer Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				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)
				Iron Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Cedar Creek	Appendix B-Pathogens (5)	
				Breinig 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)					
UPPER MILFORD TWP	PAI132204	Yes	SP, IP	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)
				Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				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)	
UPPER SAUCON TWP	PAG132216	No		Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
WASHINGTON TWP		No		Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lehigh River	Appendix A-Metals (5)	
				Coplay Creek	Appendix E-Siltation (5)	
				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						
WEISENBERG TWP	PAI132236	Yes	SP, IP	Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Iron Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix E-Siltation (5)	
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Spring Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Schaefer Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Lyon Creek		Cause Unknown (5)
WHITEHALL TWP	PAG132214	No		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)
				Lehigh River	Appendix A-Metals (5), 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
Luzerne County						
ASHLEY BORO	PAG132224	No		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)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
AVOCA BORO	PAG132230	No		Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				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)
BUTLER TWP	PAI132238	Yes	SP, IP	Unnamed Tributaries to Little Fishing Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
				Little Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Black Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to West Branch Briar Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
Nescopeck Creek	Appendix A-Metals, pH (4a)					
CONYNGHAM BORO		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)	
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	Yes	IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DUPONT BORO	PAG132226	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)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
DURYEA BORO	PAG132206	No		Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
EDWARDSVILLE BORO	PAG132217	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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	Solomon Creek	Appendix A-Metals, pH (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)	
				Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (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		Unnamed Tributaries to West Branch Briar Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Black Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Little Fishing Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
				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		Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Sugar Notch Run		Flow Alterations (4c)
				Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Nanticoke Creek	Appendix A-Metals, pH (5)	
				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						
HARVEYS LAKE BORO	PAI132235	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HAZLE TWP	PAG132300*	No		Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Stony Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
				Cranberry Creek		Flow Alterations (4c)
				Cross Run	Appendix A-Metals (4a)	
				Hazle Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Little Fishing Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Black Creek	Appendix A-Metals, pH (4a)	
Catawissa Creek	Appendix A-Metals (4a)					
HAZLETON CITY	PAG132262	Yes	SP	Hazle Creek	Appendix A-Metals, pH (4a)	
HUGHESTOWN BORO	PAG132277	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (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)	
JACKSON TWP	PAG132228	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)	
JENKINS TWP	PAG132229	No		Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				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)
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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Luzerne County						
LAFLIN BORO	PAG132233	No		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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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	Yes	IP	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)
NANTICOKE CITY	PAG132247	No		Unnamed Tributaries to Nanticoke Creek		Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				South Branch Newport Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Newport Creek	Appendix A-pH (4a)	
				Nanticoke Creek	Appendix A-Metals, pH (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NESCOPECK BORO		No		Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix A-pH (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)	
NEWPORT TWP	PAG132248	No		Nanticoke Creek	Appendix A-Metals, pH (5)	
				Unnamed Tributaries to Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Nanticoke Creek		Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				South Branch Newport Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Newport Creek	Appendix A-pH (4a)	
				Middle Branch Newport Creek	Appendix A-pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
Reservoir Creek	Appendix A-pH (4a), Appendix E-Siltation (5)					
NUANGOLA BORO		No		Nuangola Lake	Appendix E-Organic Enrichment/Low D.O. (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
Luzerne County						
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	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)
				Spring Brook		Cause Unknown (5)
			Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)	
PLAINS TWP	PAG132227	No		Laurel Run	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Mill 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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
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		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
SALEM TWP		No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Walker Run	Appendix C-PCB (5)	Mercury (5)
				Unnamed Tributaries to Susquehanna River	Appendix C-PCB (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						
SUGAR NOTCH BORO	PAG132223	No		Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Nanticoke Creek	Appendix A-Metals, pH (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Sugar Notch Run		Flow Alterations (4c)
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		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WARRIOR RUN BORO	PAG132232	No		Nanticoke Creek	Appendix A-Metals, pH (5)	
				Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST HAZLETON BORO	PAG132292	No		Unnamed Tributaries to Cranberry Creek	Appendix A-Metals, pH (4a)	
				Black Creek	Appendix A-Metals, pH (4a)	
				Stony Creek	Appendix A-Metals, pH (4a)	
				Cranberry Creek		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST PITTSTON BORO	PAG132265	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST WYOMING BORO	PAG132251	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
WILKES-BARRE CITY	PAG132272	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Laurel Run	Appendix E-Siltation (5)	
				Mill Creek	Appendix A-pH (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						
WILKES-BARRE TWP	PAG132219	No		Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Laurel Run	Appendix E-Siltation (5)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
WRIGHT TWP		No		Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WYOMING BORO	PAG132245	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
YATESVILLE BORO	PAG132266	No		Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				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
Lycoming County						
DUBOISTOWN BORO	PAG134807	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Susquehanna River	Appendix C-PCB (5)	
FAIRFIELD TWP	PAI134808	Yes	IP	Unnamed Tributaries to Tules Run		Water/Flow Variability (4c)
				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)	
				Tules Run	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix B-Pathogens (5)	
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	IP	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)
				Millers Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Susquehanna River		Cause Unknown (5), Water/Flow Variability (4c)
LYCOMING TWP	PAI134808	Yes	IP	West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MONTOURSVILLE BORO	PAI134808	Yes	IP	West Branch Susquehanna River	Appendix C-PCB (5)	
				Mill Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
OLD LYCOMING TWP	PAI134808	Yes	IP	Unnamed Tributaries to Lycoming Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				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)
				West Branch Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to West Branch Susquehanna 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
Lycoming County						
SOUTH WILLIAMSPORT BORO	PAG134808	No		West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hagermans Run		Cause Unknown (5), Other Habitat Alterations (4c)
SUSQUEHANNA TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Susquehanna River	Appendix C-PCB (5)	
UPPER FAIRFIELD TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix B-Pathogens (5)	
				West Branch Susquehanna River	Appendix C-PCB (5)	
WILLIAMSPORT CITY	PAI134808	Yes	IP	West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to West Branch Susquehanna River		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Daugherty Run		Flow Alterations (4c)
				Unnamed Tributaries to Lycoming Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
Grafius Run		Cause Unknown (5), Water/Flow Variability (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		Shenango River	Appendix C-PCB (4a)	
				Pine Run		Flow Alterations, Other Habitat Alterations (4c)
				Bobby Run	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
SHARON CITY	PAI138308	Yes	IP	Pine Run		Flow Alterations, Other Habitat Alterations (4c)
				Shenango River	Appendix C-PCB (4a)	
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		Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Brodhead Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
HAMILTON TWP		Yes	SP	McMichael Creek	Appendix B-Pathogens (5)	
				Little Pocono Creek	Appendix E-Siltation (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	Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Delaware River		Mercury (5)
				Bush Kill		Mercury (5)
				Brodhead Creek	Appendix B-Pathogens (5)	
POCONO TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Brodhead Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				McMichael Creek	Appendix B-Pathogens (5)	
PRICE TWP		Yes	SP	Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Brodhead Creek	Appendix B-Pathogens (5)	
ROSS TWP		Yes	SP	Lake Creek	Appendix B-Pathogens (5)	
SMITHFIELD TWP		Yes	SP	Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (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
Monroe County						
STROUD TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Little Pocono Creek	Appendix E-Siltation (5)	
				McMichael Creek	Appendix B-Pathogens (5)	
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Brodhead Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Flagler Run	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c), Unknown Toxicity (5)
				Delaware River		Mercury (5)
STROUDSBURG BORO		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				McMichael Creek	Appendix B-Pathogens (5)	
				Little Pocono Creek	Appendix E-Siltation (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
Montgomery County						
ABINGTON TWP	PAG130012	Yes	TMDL Plan	Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch 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)
				Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Meadow 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)
				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)
				Terwood Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Robinhood Brook	Appendix E-Siltation (5)	Cause Unknown (5)
AMBLER BORO	PAG130036	Yes	TMDL Plan	Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
BRIDGEPORT BORO		No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
BRYN ATHYN BORO	PAG130166	Yes	TMDL Plan	Huntingdon Valley Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Pennypack 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
Montgomery County						
CHELTENHAM TWP	PAG130054	Yes	TMDL Plan	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)
				Schuylkill River	Appendix C-PCB (4a)	
				Mill Run		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				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)
Frankford Creek	Appendix C-PCB (4a), Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)				
COLLEGEVILLE BORO	PAG130138	No		Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Perkiomen Creek	Appendix B-Pathogens (5)	
CONSHOHOCKEN BORO	PAG130013	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
DOUGLASS TWP	PAG130095	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
EAST GREENVILLE BORO	PAG130156	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
EAST NORRITON TWP	PAG130032	No		Sawmill Run	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)
FRANCONIA TWP	PAI130005	Yes	TMDL Plan, IP	Indian Creek	Appendix E-Nutrients, Siltation (4a)	Cause Unknown, TDS (4a)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Unnamed Tributaries to Skippack 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 Skippack Creek		Water/Flow Variability (4c)
Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)					
GREEN LANE BORO	PAG130165	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
Montgomery County						
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		West Branch Neshaminy Creek	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
HATFIELD TWP	PAG130114	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				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)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)
HORSHAM TWP	PAG130157	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 TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Trewellyn Creek	Appendix E-Nutrients (4a)	Water/Flow Variability (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
				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)
				Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)
JENKINTOWN BORO	PAG130149	No		Frankford Creek	Appendix E-Organic Enrichment/Low D.O. (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)

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)	
				Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (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)
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				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)	
West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)				
LIMERICK TWP	PAG130148	No		Perkiomen Creek	Appendix B-Pathogens (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
LOWER FREDERICK TWP	PAG130116	No		Perkiomen Creek	Appendix B-Pathogens (5)	
				Goshenhoppen Creek	Appendix E-Nutrients (5)	
LOWER GWYNEDD TWP	PAG130072	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 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)
				Willow Run		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		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
Montgomery County						
LOWER MERION TWP	PAG130064	No		West Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Meadowbrook 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)
				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)
				Gulley Run		Water/Flow Variability (4c)
				Trout Run	Appendix E-Nutrients, Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				East Branch Indian 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)
				Glanraffan Creek	Appendix E-Suspended Solids (4a)	
				Mill Creek	Appendix E-Nutrients, Siltation (5)	Water/Flow Variability (4c)
				Ithan Creek	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)
Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)				
LOWER MORELAND TWP	PAG130027	Yes	TMDL Plan	Unnamed Tributaries to Southampton Creek	Appendix B-Pathogens (4a)	
				Poquessing Creek	Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Terwood Run	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)
				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	No		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	Stony Creek	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Skippack Creek	Appendix E-Nutrients (5)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				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)
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
Unnamed Tributaries to Stony Creek		Cause Unknown (5)				
LOWER SALFORD TWP	PAI130006	Yes	TMDL Plan, IP	Indian Creek	Appendix E-Siltation (4a)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Indian Creek	Appendix E-Nutrients (4a)	
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				West Branch Skippack Creek		Water/Flow Variability (4c)
Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)				
MARLBOROUGH TWP	PAI130513	Yes	SP		No known water quality impairments at this time. Must comply with all other permit requirements.	
MONTGOMERY TWP	PAG130016	Yes	TMDL Plan	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)	
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	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)
Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (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							
NARBERTH BORO	PAG130080	No		Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)	
				Schuylkill River	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)	
				Gulley Run			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)	
NEW HANOVER TWP	PAG130020	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)	
				Schuylkill River	Appendix C-PCB (4a)		
NORRISTOWN BORO	PAG130159	No		Unnamed Tributaries to Stony Creek		Cause Unknown (5)	
				Stony Creek	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)		
				Sawmill Run	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)	
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			No known water quality impairments at this time. Must comply with all other permit requirements.		
PERKIOMEN TWP	PAG130069	No		Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)	
				Schoolhouse Run	Appendix E-Siltation (5)		
				Perkiomen Creek	Appendix B-Pathogens (5)		
PLYMOUTH TWP	PAG130008	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	Turbidity (5), Water/Flow Variability (4c)	
				Sawmill Run	Appendix E-Siltation (5)		
				Plymouth Creek	Appendix E-Siltation (5)		Water/Flow Variability (4c)
				Diamond Run	Appendix E-Siltation (5)		Water/Flow Variability (4c)
POTTSTOWN BORO	PAG130033	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	Flow Alterations, Other Habitat Alterations (4c)	
				Unnamed Tributaries to Manatawny Creek	Appendix E-Siltation (5)		
RED HILL BORO	PAG130164	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
Montgomery County						
ROCKLEDGE BORO	PAG130152	No		Frankford Creek	Appendix E-Organic Enrichment/Low D.O. (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)
				Rockledge Branch	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)
ROYERSFORD BORO	PAG130023	No		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	Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Shady Brook Run	Appendix E-Excessive Algal Growth (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Perkiomen Creek	Appendix B-Pathogens (5)	
Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)				
SOUDERTON BORO	PAG130132	Yes	TMDL Plan	Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Indian Creek	Appendix E-Nutrients, Siltation (4a)	Cause Unknown, TDS (4a)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (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)
SPRINGFIELD TWP	PAG130078	Yes	TMDL Plan	Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (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 TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	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
Montgomery County						
TELFORD BORO	PAG130133	Yes	TMDL Plan	Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Indian Creek	Appendix E-Nutrients, Siltation (4a)	Cause Unknown, TDS (4a)
TOWAMENCIN TWP	PAG130024	Yes	TMDL Plan	Unnamed Tributaries to Towamencin Creek	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
TRAPPE BORO	PAG130110	No		Perkiomen Creek	Appendix B-Pathogens (5)	
				Schoolhouse Run	Appendix E-Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
				Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER DUBLIN TWP	PAG130075	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)
				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)
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, 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)
				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)					
UPPER FREDERICK TWP	PAG130129	No		Goshenhoppen Creek	Appendix E-Nutrients (5)	
UPPER GWYNEDD TWP	PAG130031	Yes	TMDL Plan	Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				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)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (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						
UPPER HANOVER TWP	PAG130109	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
UPPER MERION TWP	PAG130042	No		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)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Matsunk Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Crow Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER MORELAND TWP	PAG130019	Yes	TMDL Plan	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)
				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)
UPPER POTTSBORO 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	No		Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schoolhouse Run	Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Doe Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER SALFORD TWP	PAI130534	Yes	SP, IP	Perkiomen Creek	Appendix B-Pathogens (5)	
WEST CONSHOHOCKEN BORO	PAG130056	No		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)

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 NORRITON TWP	PAG130006	No		Indian Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				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 POTTSBURY TWP	PAG130061	No		Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
WHITEMARSH TWP	PAG130103	Yes	TMDL Plan	Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Pine Run	Appendix B-Pathogens (4a), Appendix E-Nutrients (4a)	
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (5), 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)
				Delaware River Estuary PCB TMDLs	Appendix C-PCB, Priority Organics (4a)	
Unnamed Tributaries to Wissahickon Creek		Flow Alterations, Other Habitat Alterations (4c)				
WHITPAIN TWP	PAG130137	Yes	TMDL Plan	Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Sawmill Run	Appendix E-Siltation (5)	Turbidity (5), Water/Flow Variability (4c)
				Willow Run		Water/Flow Variability (4c)
				Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)				
WORCESTER TWP	PAG130026	Yes	TMDL Plan	Unnamed Tributaries to Towamencin Creek	Appendix E-Nutrients (5)	
				Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Zacharias Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Schuylkill River	Appendix C-PCB (4a)	
Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
Montour County						
COOPER TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Montour Run	Appendix E-Siltation (4a)	
				Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
DANVILLE BORO		No		Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Blizzards Run		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MAHONING TWP		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Blizzards Run		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
VALLEY TWP		No		Mahoning Creek	Appendix E-Siltation (5)	
				Mauses Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	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
Northampton County						
ALLEN TWP	PAI132250	Yes	IP	Dry Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Hokendauqua Creek	Appendix E-Siltation, Suspended Solids (5)	
				Catasauqua Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., 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	Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
BETHLEHEM CITY	PAI132210	Yes	SP, IP	East Branch Saucon Creek	Appendix E-Siltation (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)
				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)
				Nancy Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				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)	
BUSHKILL TWP	PAI132219	Yes	SP, IP	East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Bushkill Creek	Appendix B-Pathogens (5)	
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
CHAPMAN BORO	PAI132257*	Yes	SP	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)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Catasauqua Creek	Appendix E-Siltation (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
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	Unnamed Tributaries to Delaware River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delaware River		Mercury (5)
				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)	Mercury (5)
				Delaware River		
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	SP, IP	Saucon Creek	Appendix E-Siltation (5)	
				Polk Valley Run	Appendix E-Siltation (5)	
				Silver Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (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*	No		Delaware River		Mercury (5)
LOWER NAZARETH TWP	PAI132228	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)	
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				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						
LOWER SAUCON TWP	PAI132227	Yes	IP	Silver Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to East Branch Saucon Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Saucon Creek	Appendix E-Siltation (5)	
				Polk Valley Run	Appendix E-Siltation (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Delaware River		Mercury (5)
				East Branch Saucon Creek	Appendix E-Siltation (5)	
MOORE TWP	PAI132202	Yes	SP, IP	Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Hokendauqua Creek	Appendix E-Siltation, Suspended Solids (5)	
NAZARETH BORO	PAG132261	No		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)	
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		Catasauqua Creek	Appendix E-Siltation (5)	
				Dry Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Hokendauqua Creek	Appendix E-Siltation, Suspended Solids (5)	
				Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
PALMER TWP	PAI132206	Yes	SP, IP	Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Bushkill Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
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	Little Bushkill Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Little Bushkill Creek	Appendix E-Siltation (5)	
				Waltz Creek	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				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	Little Bushkill Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Bushkill Creek	Appendix B-Pathogens (5)	
TATAMY BORO	PAI132252*	Yes	SP	Bushkill Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
UPPER MT BETHEL TWP	PAG132303*	No		Unnamed Tributaries to Martins Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
UPPER NAZARETH TWP	PAI132234	Yes	SP, IP	East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
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		Delaware River		Mercury (5)
				Lehigh River	Appendix C-PCB (5), 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
Northampton County						
WILSON BORO	PAI132230	Yes	SP, IP	Delaware River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	Mercury (5)
				Lehigh River		
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		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
Perry County						
MARYSVILLE BORO	PAG133690*	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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	Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), 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)
				Darby Creek	Appendix C-PCB (5)	
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Mill Run		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wooden Bridge Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Delaware River	Appendix C-PCB (4a)	
				Black Lake Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Cresheim Creek		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)
				Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Byberry Creek	Appendix E-Excessive Algal Growth (5)	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)
				West Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Walton Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Wissahickon Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Tacony Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Sandy Run		Cause Unknown (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	Huntydory Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Catawissa Creek	Appendix A-Metals (4a)	
MCADOO BORO	PAG132285	No		Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Huntydory Creek	Appendix A-Metals (4a)	
PORT CLINTON BORO		No		Little Schuylkill River	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
Somerset County						
CONEMAUGH TWP	PAG136345	Yes	SP	Unnamed Tributaries to Stonycreek River	Appendix E-Organic Enrichment/Low D.O. (5)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
PAINT BORO	PAG136119	No		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	No		Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				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)
WINDBER BORO	PAG136340	No		Paint Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5)
				Weaver Run	Appendix A-Metals, pH (4a)	
				Seese Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Turbidity (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		Susquehanna River		Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
GREAT BEND TWP	PAI132256*	No		Susquehanna River		Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HALLSTEAD BORO		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna 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
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		Lilly Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				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	Georges Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Buffalo Creek	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)	Turbidity (5)
				Calfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
CARROLL TWP	PAG136211	No		Unnamed Tributaries to Pigeon Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
CECIL TWP	PAG136202	No		Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Cause Unknown (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)
				Coal Run	Appendix E-Nutrients, Siltation (5)	
				Millers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	Cause Unknown, TDS, Turbidity (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						
CENTERVILLE BORO		No		Twomile Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a)	
CHARLEROI BORO	PAG136102	No		Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
CHARTIERS TWP	PAG136212	No		Georges Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c) Other Habitat Alterations (4c), Turbidity (4a) Turbidity (5) TDS, Turbidity (5)
				Unnamed Tributaries to Chartiers Creek		
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				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)	
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		Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
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		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)
				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)
MCDONALD BORO	PAG136235	No		Robb Run	Appendix A-Metals (4a)	
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Cause Unknown (5)
MIDWAY BORO		No		Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
MONONGAHELA CITY	PAG136129	No		Unnamed Tributaries to Pigeon Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5)	
				Monongahela River	Appendix C-PCB (4a)	
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	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 E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
NORTH STRABANE TWP	PAI136129	Yes	SP, IP	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)
				Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
				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)
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	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)
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Chartiers Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a), Appendix E-Nutrients (5)	Flow Alterations, Other Habitat Alterations (4c), Turbidity (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)
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Brush Run (Washington)	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation, Suspended Solids, Turbidity (4a)	
ROBINSON TWP	PAG136343	No		Robb Run	Appendix A-Metals (4a)	
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., 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
Washington County						
ROSCOE BORO	PAG136297*	No		Monongahela River	Appendix C-PCB (4a)	
SMITH TWP		No		Raccoon Creek	Appendix A-Metals, pH (4a)	
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
SOMERSET TWP	PAI136114*	No		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	Calfish 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		South Branch 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)	
				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		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)
				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	Unnamed Tributaries to Monongahela River	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Monongahela River	Appendix C-PCB (4a)	
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
WASHINGTON CITY	PAG136351	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)	
WEST BROWNSVILLE BORO		No		Monongahela River	Appendix C-PCB (4a)	
				Lilly Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
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		Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
ALLEGHENY TWP	PAG136277	No		Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Kiskiminetas River	Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
				Pine Run	Appendix E-Siltation (4a)	
ARNOLD CITY	PAG136326	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
ARONA BORO	PAG136258	No		Unnamed Tributaries to Little Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Little Sewickley Creek	Appendix E-Siltation (5)	
DELMONT BORO	PAI136125	Yes	SP, IP	Beaver Run	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
				Unnamed Tributaries to Turtle Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (5)	Other Habitat Alterations (4c)
				Beaver Run Reservoir		Mercury (Lakes) (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DERRY BORO	PAG136328	No		McGee Run	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DERRY TWP	PAI136136	Yes	IP	Saxman Run	Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients (5)	
				Conemaugh River	Appendix E-Suspended Solids (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Union Run	Appendix E-Suspended Solids (4a)	
				Trout Run	Appendix E-Organic Enrichment/Low D.O. (5)	
				McGee Run	Appendix E-Siltation (4a), 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
Westmoreland County						
EAST HUNTINGDON TWP	PAG136134	No		Buffalo Run	Appendix A-Metals, pH (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Sherrick Run	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Sewickley Creek	Appendix A-Metals, pH (4a)	
				Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Jacobs Creek	Appendix A-Metals, pH (5)	
				Shupe Run	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Stauffer Run	Appendix A-Metals, pH (4a)	
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	Zellers Run	Appendix A-Metals (4a)	
				Unnamed Tributaries to Coal Tar Run		Other Habitat Alterations (4c)
				Coal Tar Run	Appendix A-Metals (4a)	Cause Unknown (5)
				Sewickley Creek	Appendix A-Metals, pH (4a)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Jacks Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
HEMPFIELD TWP	PAG136331	No		Zellers Run	Appendix A-Metals (4a)	
				Wilson Run	Appendix A-Metals (4a)	
				Unnamed Tributaries to Little Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				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)
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
				Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Little Sewickley Creek	Appendix E-Siltation (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				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)	
				Coal Tar Run	Appendix A-Metals (4a)	Cause Unknown (5)
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)					
Little Crabtree Creek	Appendix E-Siltation (4a)	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
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		Coal Run	Appendix E-Siltation (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a)	
				Tinkers Run	Appendix E-Siltation (5)	
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	No		Unity Run	Appendix E-Suspended Solids (4a)	
				Saxman Run	Appendix E-Suspended Solids (4a)	
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
LOWER BURRELL CITY	PAG136180	No		Pucketa Creek	Appendix E-Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
MANOR BORO	PAG136294	No		Turtle Creek	Appendix A-Metals, pH (4a)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Bushy Run	Appendix E-Siltation (5)	
MONESSEN CITY	PAG136283	No		Monongahela River	Appendix C-PCB (4a)	
				Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
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	Brinker Run	Appendix A-Metals (4a)	
				Unnamed Tributaries to Jacobs Creek	Appendix A-Metals (5)	
				Shupe Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Boyer Run	Appendix A-Metals (4a)	
				Welty Run	Appendix A-pH (4a)	
				Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
MURRYSVILLE BORO	PAI136109	Yes	SP, IP	Unnamed Tributaries to Turtle Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Pucketa Creek	Appendix E-Siltation (5)	
				Steels Run	Appendix E-Siltation (5)	
				Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation (5)	Oil and Grease (5)
				Little Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients (5)	Oil and Grease (5)
				Haymakers Run	Appendix E-Siltation (5)	Exotic Species (5)
				Abers Creek		Flow Alterations (4c)
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Other Habitat Alterations (4c)
NEW KENSINGTON CITY	PAG136290	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Pucketa Creek	Appendix E-Siltation (5)	
NEW STANTON BORO	PAG136227	No		Wilson Run	Appendix A-Metals (4a)	
				Unnamed Tributaries to Sewickley Creek	Appendix E-Nutrients (5)	
				Sewickley Creek	Appendix A-Metals, pH (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	Bushy Run	Appendix E-Siltation (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Tinkers Run	Appendix E-Siltation (5)	
				Crawford Run	Appendix A-Metals (5)	
				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)	
				Coal Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (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)			
NORTH IRWIN BORO	PAG136193*	No		Coal Run	Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
OKLAHOMA BORO		No		Beaver Run	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Beaver Run	Appendix E-Siltation (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)
				Byers Run	Appendix E-Siltation (5)	
				Coal Run	Appendix E-Siltation (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Lyons Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
Bushy 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		Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
				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)
				Unnamed Tributaries to Monongahela River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
SALEM TWP	PAI136123	Yes	SP, IP	Beaver Run Reservoir		Mercury (Lakes) (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Thorn Run	Appendix E-Siltation (4a)	
				Beaver Run	Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients (5)	
SCOTTDALE 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 Youghiogheny River	Appendix A-Metals (5)	
				Unnamed Tributaries to Little Sewickley Creek	Appendix A-Metals (4a)	
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	Sewickley Creek	Appendix A-Metals, pH (4a)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Zellers Run	Appendix A-Metals (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	SP, IP	Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Crabtree Creek	Appendix E-Suspended Solids (4a)	
				Monastery Run	Appendix E-Suspended Solids (4a)	
				Unity Run	Appendix E-Suspended Solids (4a)	
				Ninemile Run		Cause Unknown, Thermal Modifications (5)
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Little Crabtree Creek	Appendix E-Siltation (4a)	Cause Unknown (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Fourmile Run	Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
UPPER BURRELL TWP		No		Pucketa Creek	Appendix E-Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
VANDERGRIFT BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
WASHINGTON TWP	PAG136181	Yes	SP	Beaver Run	Appendix E-Suspended Solids (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Kiskiminetas River	Appendix E-Suspended Solids (4a)	
				Beaver Run Reservoir		Mercury (Lakes) (5)
				Pine Run	Appendix E-Siltation (4a)	
				Pucketa Creek	Appendix E-Siltation (5)	
				Thorn Run	Appendix E-Siltation (4a)	
				Unnamed Tributaries to Beaver Run	Appendix E-Siltation (4a)	
WEST LEECHBURG BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
WEST NEWTON BORO	PAG136327	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
YOUNGSTOWN BORO	PAG136251*	No		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		Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Sewickley Creek	Appendix A-Metals, pH (4a)	
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		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)
				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)	
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Little Conewago Creek		Water/Flow Variability (4c)
DALLASTOWN BORO	PAG133676	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)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Barshinger Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
DILLSBURG BORO	PAG133560	No		Stony Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				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)	
DOVER BORO	PAG133583*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DOVER TWP	PAG133656	No		Honey Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Conewago Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
EAST MANCHESTER TWP	PAG133601	No		Susquehanna River	Appendix C-PCB (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)	
				Musser Run	Appendix E-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
York County						
FAIRVIEW TWP	PAG133557	No		Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Fishing Creek	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
				Big Spring Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Yellow Breeches Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Marsh Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Fishing Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
FELTON BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
FRANKLIN TWP	PAG133570*	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)	
				North Branch Bermudian Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
FRANKLINTOWN BORO	PAG133691*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to North Branch Bermudian Creek	Appendix E-Nutrients, Siltation (5)	
				North Branch Bermudian Creek	Appendix B-Pathogens (5)	
GOLDSBORO BORO	PAG133665*	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HALLAM BORO	PAG133654	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HANOVER BORO		No		South Branch Conewago Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Plum 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		Codorus Creek		Unknown Toxicity (5), Water/Flow Variability (4c)
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
JACKSON TWP	PAG133671	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Codorus Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Little Conewago Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
JACOBUS BORO	PAG133647*	No		East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEWISBERRY BORO	PAG133624*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Bennett Run	Appendix E-Siltation (5)	
LOGANVILLE BORO	PAG133669	No		East Branch Codorus Creek	Appendix B-Pathogens (5)	
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOWER WINDSOR TWP	PAG133626	No		Susquehanna River	Appendix C-PCB (5)	
				Fishing Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MANCHESTER BORO	PAG133586	No		Musser Run	Appendix E-Suspended Solids (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MANCHESTER TWP	PAG133674	No		Little Conewago Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Susquehanna River	Appendix C-PCB (5)	
				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)	

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		Fishers Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Stony Run	Appendix E-Siltation (5)	Flow 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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
NEWBERRY TWP	PAG133561	No		Bennett Run	Appendix E-Siltation (5)	
				Big Spring Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Fishing Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
NORTH CODORUS TWP	PAG133620*	No		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)	
NORTH YORK BORO	PAG133581	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)
				Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
PENN TWP		No		Unnamed Tributaries to South Branch Conewago Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Oil Creek	Appendix E-Siltation (4a), Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Gitts Run	Appendix E-Siltation (5)	
				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		Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Barshinger Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Fishing Creek	Appendix E-Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
SPRING GARDEN TWP	PAG133576	No		Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Codorus Creek		Flow Alterations (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)	
SPRING GROVE BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SPRINGGETTSBURY TWP	PAG133594	No		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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Kreuz Creek	Appendix E-Siltation (5)	
SPRINGFIELD TWP	PAG133652	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
WEST MANCHESTER TWP	PAG133655	No		Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Little Conewago 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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Honey Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
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		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)	

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		Unnamed Tributaries to Kreutz Creek	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				North Branch Muddy Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Fishing Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WRIGHTSVILLE BORO	PAG133685	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
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)	
				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)
				Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
YORK HAVEN BORO	PAG133672	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
YORK TWP	PAG133595	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)
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Inners Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Barshinger Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
YORKANA BORO	PAG133653	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	