

# 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
<b>Adams County</b>						
ABBOTTSTOWN BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Beaver Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
BERWICK TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Beaver Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
BUTLER TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CONEWAGO TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Plum Creek	Appendix E-Siltation (5)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to South Branch Conewago Creek		Other Habitat Alterations, Water/Flow Variability (4c)
CUMBERLAND TWP		No		Unnamed Tributaries to Rock Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Rock Creek	Appendix E-Nutrients (5)	
				Willoughby Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
GETTYSBURG BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Rock Creek	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Rock Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Stevens Run	Appendix E-Nutrients, Siltation (5)	Unknown Toxicity (5), Water/Flow Variability (4c)
HAMILTON TWP		No		Beaver Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MCSHERRYSTOWN BORO		No		South Branch Conewago Creek	Appendix E-Siltation (5)	
				Plum Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MOUNT PLEASANT TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NEW OXFORD BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

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<b>Adams County</b>						
OXFORD TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to South Branch Conewago Creek		
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		South Branch Conewago Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

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

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

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

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

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

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



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

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<b>Allegheny County</b>						
HOMESTEAD BORO	PAG136199	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				West Run	Appendix A-pH (5), Appendix E-Siltation (5)	
INDIANA TWP	PAI136101	Yes	SP, IP	Little Pine Creek	Appendix B-Pathogens (5)	
				Blue Run	Appendix E-Nutrients, Siltation (5)	
				Cunningham Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Little Deer Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Squaw Run	Appendix C-Pesticides (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Long Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (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	No		Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)	
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
JEFFERSON HILLS BORO	PAG136285	No		Beam Run		Cause Unknown (5)
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Lobbs Run	Appendix A-Metals, pH (5)	
				Peters Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				Monongahela River	Appendix C-PCB (4a)	
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
Lewis Run	Appendix B-Pathogens (5)	Cause Unknown (5)				
KENNEDY TWP	PAG136110	No		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 Traverse Creek	Appendix E-Siltation (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS (5)
				Unnamed Tributaries to Ohio River	Appendix A-Metals (5), Appendix E-Siltation (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
<b>Allegheny County</b>						
KILBUCK TWP	PAG136373*	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)	
LEET TWP	PAI136108	Yes	SP, IP	Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Little Sewickley Creek		Cause Unknown (5)
LEETSDALE BORO	PAI136113	Yes	SP, IP	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		Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Brush Creek	Appendix E-Organic Enrichment/Low D.O. (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
MCCANDLESS TWP	PAG136140	No		Girtys Run	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Oil and Grease (5), Other Habitat Alterations (4c)
				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)	
				Rinaman Run	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MCKEES ROCKS BORO	PAG136375	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
MCKEESPORT CITY	PAG136370*	No		Crooked Run	Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Unnamed Tributaries to Long Run	Appendix A-Metals (5)	
MILLVALE BORO	PAG136150	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Girtys Run	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	
<b>Allegheny County</b>							
MONROEVILLE BORO	PAG136176	Yes	SP	Abers Creek		Flow Alterations (4c)	
				Leak Run	Appendix E-Siltation (5)		
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)		
				Piersons Run	Appendix E-Siltation (5)		
				Thompson Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)		
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation (5)		
MOON TWP	PAG136274	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)		
				McCabe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)		
				McClarens Run	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)		
				Montour Run	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)		Nonpriority Organics, Un-ionized Ammonia (5)
				Spring Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)		
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)		
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (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)	TDS, Turbidity (5)	
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)		
				Sawmill Run		Other Habitat Alterations, Water/Flow Variability (4c)	
				Sawmill Run AMD and Sediment	Appendix A-Metals, pH (4a)	TDS (5)	
				Scrubgrass Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)		
				Sawmill Run Nutrients	TMDL Plan-DO/BOD, Nutrients, Organic Enrichment/Low D.O., Siltation (4a)		
				Sawmill Run AMD and Sediment	TMDL Plan-Siltation (4a)		
MT OLIVER BORO	PAG136242	No		Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)		
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)		
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)		
MUNHALL BORO	PAG136142	No		Homestead Run	Appendix E-Siltation (5)		
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)		
				West Run	Appendix A-pH (5), Appendix E-Siltation (5)		
NEVILLE TWP	PAG136121	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)		

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Allegheny County</b>						
PENN HILLS TWP	PAG136174	No		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)
				Duffs Run	Appendix E-Siltation (5)	
				Chalfant Run	Appendix E-Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a), Appendix B-Pathogens (5)	
				Thompson Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Plum Creek		Other Habitat Alterations (4c)
			Turtle Creek	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		Kaufman Run	Appendix E-Siltation (5)	
				Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Brush Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Montour Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Rinaman Run	Appendix B-Pathogens (5)	
				Wexford Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
			North Fork Pine Creek	Appendix B-Pathogens (5)		
PITCAIRN BORO	PAG136118*	No		Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

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

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



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Allegheny County</b>						
SCOTT TWP	PAG136138	No		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)
SEWICKLEY BORO	PAG136165	No		Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SEWICKLEY HILLS BORO	PAI136132*	Yes	W-I	Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
SHALER TWP	PAG136146	No		Unnamed Tributaries to Pine Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Allegheny River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Girtys Run	Appendix E-Nutrients (5)	
				Little Pine Creek	Appendix B-Pathogens (5)	
				Pine Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
SOUTH FAYETTE TWP	PAG136282	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	TDS, Turbidity (5)
				Unnamed Tributaries to Chartiers Creek	Appendix E-Nutrients (5)	
				Thoms Run	Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Robinson Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Cause Unknown, TDS (5)
				Millers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients (5)	Cause Unknown, TDS, Turbidity (5)
				Fishing Run		TDS, Turbidity (5)
				Unnamed Tributaries to Thoms Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				Coal Run	Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	Turbidity (5)
				Unnamed Tributaries to Coal Run	Appendix E-Organic Enrichment/Low D.O. (5)	
				Dolphin Run		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
<b>Allegheny County</b>						
SOUTH PARK TWP	PAG136291	No		Catfish Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Lick Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Monongahela River	Appendix C-PCB (4a)	
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
				Sleepy Hollow Run	Appendix B-Pathogens (5)	Cause Unknown (5)
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)	
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		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Sawmill Run	Appendix E-Siltation (5)	
				Thompson Run	Appendix A-Metals, pH (4a)	
				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
<b>Allegheny County</b>						
UPPER ST CLAIR TWP	PAG136270	Yes	TMDL Plan	Brush Run (Washington)	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation, Suspended Solids, Turbidity (4a)	
				Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
				Painters Run	Appendix A-Metals (4a), Appendix C-Chlordane, PCB (4a), Appendix E-Suspended Solids (4a), Appendix E-Siltation (5)	TDS, Turbidity (5)
				McLaughlin Run	Appendix C-Chlordane, PCB (4a), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c), Turbidity (5)
				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)
VERONA BORO	PAG136323	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Indian Creek	Appendix A-Metals (5)	Oil and Grease (5)
				Plum Creek	Appendix A-Metals (4a)	Oil and Grease (5)
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		West Branch Deer Creek	Appendix E-Nutrients, Siltation (5)	
				Deer Creek	Appendix A-Metals (5), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Flow Alterations, Other Habitat Alterations (4c), TDS, Turbidity (5)
				Dawson Run	Appendix E-Nutrients, Siltation (5)	TDS (5)
				Little Deer Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	Flow Alterations (4c), TDS, Turbidity (5)
				Cunningham Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
WEST ELIZABETH BORO	PAG136324*	No		Monongahela River	Appendix C-PCB (4a)	
WEST HOMESTEAD BORO	PAG136307	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				West Run	Appendix A-pH (5), Appendix E-Siltation (5)	
				Streets Run	Appendix A-Metals (4a), Appendix E-Siltation (5)	
WEST MIFFLIN BORO	PAG136166	No		Homestead Run	Appendix E-Siltation (5)	
				Lewis Run	Appendix B-Pathogens (5)	Cause Unknown (5)
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				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)	
				Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Armstrong County</b>						
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		Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
				Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
LEECHBURG BORO		No		Brady Run	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
				Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
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		Big Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Buffalo Creek		

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Beaver County</b>						
ALQUIPPA CITY	PAG136334	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (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		Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
BRIGHTON TWP	PAG136159	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Twomile Run	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Bradys Run Lake	Appendix E-Nutrients (5)	Un-ionized Ammonia (5)
				Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
CENTER TWP	PAG136272	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Rag Run	Appendix E-Siltation (5)	
				Logtown Run	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)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Beaver County</b>						
CHIPPEWA TWP	PAI136106	Yes	SP, IP	Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Brady Run	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
CONWAY BORO	PAG136209	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
DARLINGTON BORO	PAI136138	Yes	W-I		No known water quality impairments at this time. Must comply with all other permit requirements.	
DARLINGTON TWP	PAG136170*	Yes	SP	McCautry Run	Appendix E-Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to North Fork Little Beaver Creek	Appendix E-Siltation (5)	
DAUGHERTY TWP	PAG136158	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Blockhouse Run	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (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		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver 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		Unnamed Tributaries to Ohio River	Appendix E-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
<b>Beaver County</b>						
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)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Raccoon Creek	Appendix B-Pathogens (5)	
				Trammill Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Logtown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Raccoon Creek	Appendix E-Siltation (4a)	
				Flaugherty Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)					
INDUSTRY BORO	PAG136325	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
KOPPEL BORO	PAG136295*	No		Beaver River	Appendix C-PCB (5)	
MONACA BORO	PAG136371*	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
NEW BRIGHTON BORO	PAG136124	No		Blockhouse Run	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
NEW SEWICKLEY TWP	PAG136280	No		Connoquenessing Creek	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brush Creek	Appendix E-Organic Enrichment/Low D.O. (4a), Appendix B-Pathogens (5)	
NORTH SEWICKLEY TWP	PAG136308	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix C-PCB (5)	
PATTERSON HEIGHTS BORO	PAG136335*	No		Unnamed Tributaries to Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Beaver County</b>						
PATTERSON TWP	PAG136289	No		Unnamed Tributaries to Walnut Bottom Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brady Run	Appendix E-Siltation (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
POTTER TWP	PAG136368*	No		Unnamed Tributaries to Ohio River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Rag Run	Appendix E-Siltation (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
PULASKI TWP	PAG136156	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Blockhouse Run	Appendix E-Siltation (5)	
ROCHESTER BORO	PAG136155	No		McKinley Run	Appendix E-Suspended Solids (5)	
				Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
ROCHESTER TWP	PAG136298	No		Unnamed Tributaries to Beaver River	Appendix E-Siltation (5)	
				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)	
				Lacock Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
SOUTH BEAVER TWP	PAI136111	Yes	SP, W-I		No known water quality impairments at this time. Must comply with all other permit requirements.	
SOUTH HEIGHTS BORO	PAG136367*	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
VANPORT TWP	PAG136144	No		Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Twomile Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Ohio River	Appendix E-Siltation (5)	
WEST MAYFIELD BORO	PAG136260	No		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)	
WHITE TWP	PAG136296	No		Beaver River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Ohio River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Walnut Bottom 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
<b>Berks County</b>						
ALSACE TWP	PAG133501	No		Unnamed Tributaries to Schuylkill River		Other Habitat Alterations, Water/Flow Variability (4c), TDS (4a)
				Antietam Creek	Appendix B-Pathogens (5)	
				Laurel Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Bernhart Creek		TDS (4a)
AMITY TWP	PAG133511	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River		Cause Unknown (5)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
BALLY BORO	PAG133502	No		Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
BECHTELSVILLE BORO	PAI133509	Yes	SP, IP	Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
BERN TWP	PAG133531	Yes	TMDL Plan	Irish Creek	Appendix E-Siltation (5)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Plum Creek	Appendix C-Pesticides (5)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Nutrients, Siltation (5)	
BIRDSBORO BORO	PAG133530	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
BOYERTOWN BORO	PAG133529	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
BRECKNOCK TWP	PAI133508	Yes	SP, IP	Wyomissing Creek	Appendix E-Siltation (4a)	Cause Unknown (4a), Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Muddy Creek	Appendix E-Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
CENTERPORT BORO		No		Irish Creek	Appendix E-Siltation (5)	
				Plum Creek	Appendix E-Siltation (5)	
CENTRE TWP	PAG133667*	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Plum Creek	Appendix E-Siltation (5)	
				Irish Creek	Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
COLEBROOKDALE TWP	PAG133528	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Berks County</b>						
CUMRU TWP	PAI133507	Yes	TMDL Plan, SP, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Wyomissing Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Wyomissing Creek		Flow Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
DOUGLASS TWP	PAG133574*	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
EARL TWP	PAG133575	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
EXETER TWP	PAG133516	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Trout Run	Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Antietam Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Antietam Creek	Appendix E-Siltation (5)	
FLEETWOOD BORO	PAG133517	No		Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
HAMBURG BORO		No		Unnamed Tributaries to Schuylkill River		Water/Flow Variability (4c)
HEIDELBERG TWP	PAG133504	No		Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Tulpehocken Creek		Cause Unknown (5)
HEREFORD TWP		Yes	SP	Little Lehigh Creek	Appendix E-Siltation (5)	
				Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Perkiomen Creek	Appendix E-Nutrients, Siltation (5)	Thermal Modifications (5)
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
KENHORST BORO	PAG133515	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
LAURELDALE BORO	PAG133518	Yes	TMDL Plan	Bernhart Creek TMDL	Appendix A-Metals (4a)	TDS (4a)
				Laurel Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
LEESPORT BORO	PAG133527	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River		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
<b>Berks County</b>						
LONGSWAMP TWP	PAI133512*	Yes	SP, W-I	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	Yes	TMDL Plan	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		Little Cacoosing Creek	Appendix E-Nutrients, Siltation (4a)	
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Spring Creek	Appendix E-Nutrients, Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
MAIDENCREEK TWP	PAG133521	Yes	SP	Lake Ontelaunee TMDL	TMDL Plan-Nutrients, Suspended Solids (4a)	
				Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Flow Alterations (4c)
				Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Willow Creek	Appendix B-Pathogens (5)	
				Schuylkill River	Appendix C-PCB (4a)	
MARION TWP	PAG133514*	No		Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Swatara Creek	Appendix B-Pathogens (5)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
MOHNTON BORO	PAI133500	Yes	TMDL Plan, SP, IP	Unnamed Tributaries to Wyomissing Creek		Flow Alterations (4c)
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Wyomissing Creek		Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
MT PENN BORO	PAG133513	Yes	TMDL Plan	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
<b>Berks County</b>						
MUHLENBERG TWP	PAG133522	Yes	TMDL Plan	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)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
OLEY TWP	PAG133580	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
ONTELAUNEE TWP	PAI130024	Yes	TMDL Plan, SP, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Flow Alterations (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
				Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Lake Ontelaunee TMDL	TMDL Plan-Nutrients, Suspended Solids (4a)	
PERRY TWP		No		Schuylkill River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	
READING CITY	PAI133501	Yes	TMDL Plan, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Schuylkill River		Other Habitat Alterations, Water/Flow Variability (4c), TDS (4a)
RICHMOND TWP	PAG133524	No		Maiden Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Willow Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
ROBESON TWP	PAG133525	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
ROBESONIA BORO	PAG133510	No		Blue Marsh Lake	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
ROCKLAND TWP		No			No known water quality impairments at this time. Must comply with all other permit requirements.	
RUSCOMBMANOR TWP	PAG133668*	No		Schuylkill River	Appendix C-PCB (4a)	
				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)

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Berks County</b>						
TULPEHOCKEN TWP		No		Little Swatara Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
UNION TWP	PAG133526	Yes	TMDL Plan, SP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
WASHINGTON TWP	PAI133518	Yes	SP, IP	Unnamed Tributaries to Swamp Creek		Flow Alterations, Water/Flow Variability (4c)
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
				Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				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)	
				Little Cacoosing Creek	Appendix E-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)	
				Manor Creek	Appendix E-Nutrients, Siltation (4a)	
WEST READING BORO	PAI133504	Yes	TMDL Plan, IP	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
WINDSOR TWP		No		Unnamed Tributaries to Schuylkill River	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
WOMELSDORF BORO	PAI133522	Yes	SP, IP	Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Tulpehocken Creek		Cause Unknown (5)
WYOMISSING BORO	PAI133506	Yes	TMDL Plan, SP, IP	Wyomissing Creek TMDL	TMDL Plan-Siltation (4a)	Cause Unknown (4a)
				Tulpehocken Creek	Appendix E-Nutrients (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Cacoosing Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Wyomissing 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
<b>Blair County</b>						
ALLEGHENY TWP	PAG133693	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Spencer Run	Appendix E-Siltation (5)	
				Sugar Run	Appendix A-Metals, pH (4a)	
				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)
ALTOONA CITY	PAG133662	Yes	TMDL Plan	Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Mill Run	Appendix E-Siltation (5)	
				Little Juniata River Watershed	TMDL Plan-Organic Enrichment/Low D.O., Siltation (4a)	Cause Unknown (4a)
				Little Juniata River	Appendix B-Pathogens (5)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
ANTIS TWP	PAI133521	Yes	TMDL Plan, SP, IP	Little Juniata River Watershed	TMDL Plan-Organic Enrichment/Low D.O., Siltation (4a)	Cause Unknown (4a)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Juniata River	Appendix B-Pathogens (5)	
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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
DUNCANSVILLE BORO	PAG133585	No		Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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)
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				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
<b>Blair County</b>						
FREEDOM TWP	PAI133520	Yes	IP	Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HOLLIDAYSBURG BORO	PAG133628	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
JUNIATA TWP	PAG133631	No		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)
LOGAN TWP	PAG133659	Yes	TMDL Plan, SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Beaverdam Branch	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (4a)	Cause Unknown (4a)
				Burgoon Run	Appendix A-Metals (4a)	
				Frankstown Branch Juniata River	Appendix E-Suspended Solids (5)	
				Little Juniata River	Appendix B-Pathogens (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
<b>Bucks County</b>						
BEDMINSTER TWP		No		Deep Run	Appendix E-Nutrients, Siltation (5)	
				Delaware River		Mercury (5)
BENSALEM TWP	PAG130045	Yes	TMDL Plan	Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
				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)	
				Delaware River	Appendix C-PCB (4a)	
Unnamed Tributaries to Poquessing Creek	Appendix E-Siltation (5)	Cause Unknown (5)				
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	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)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Delaware River	Appendix C-PCB (4a)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (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
<b>Bucks County</b>						
CHALFONT BORO	PAG130068	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)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
DOYLESTOWN BORO	PAG130035	No		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)
				Cooks Run	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
DOYLESTOWN TWP	PAG130007	Yes	TMDL Plan	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)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Mill Creek	Appendix E-Nutrients (5)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)
				Cooks Run	Appendix E-Nutrients (5)	
Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)					
DUBLIN BORO		No			No known water quality impairments at this time. Must comply with all other permit requirements.	
EAST ROCKHILL TWP	PAG130162	No		Threemile Run	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Bucks County</b>						
FALLS TWP	PAG130050	No		Biles Creek	Appendix C-PCB (4a)	
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				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)
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)					
HILLTOWN TWP	PAG130040	Yes	TMDL Plan	West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Skipack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skipack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				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)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)					
HULMEVILLE BORO	PAG130168	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)	
				Delaware River	Appendix C-PCB (4a)	
IVYLAND BORO	PAG130153	Yes	TMDL Plan	Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek 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
<b>Bucks County</b>						
LANGHORNE BORO	PAG130039	No		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 E-Siltation (4a), 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)
LANGHORNE MANOR BORO	PAG130044	Yes	TMDL Plan	Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Mill Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
LOWER MAKEFIELD TWP	PAG130011	No		Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Mill Creek		Flow Alterations (4c)
				Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Neshaminy Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Brock Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Buck Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Core Creek	Appendix E-Siltation (4a)	
				Delaware River	Appendix C-PCB (4a)	Mercury (5)
				Lake Luxembourg	Appendix E-Nutrients, Suspended Solids (4a)	
				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)				
LOWER SOUTHAMPTON TWP	PAG130030	Yes	TMDL Plan	Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Mill Creek		Other Habitat Alterations, 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
<b>Bucks County</b>						
MIDDLETOWN TWP	PAG130028	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)	
				Lake Luxembourg	Appendix E-Nutrients, Suspended Solids (4a)	
				Magnolia Lake	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O., Suspended Solids (5)	
				Delaware River	Appendix C-PCB (4a)	
				Mill Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Queen Anne Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Silver Lake	Appendix E-Excessive Algal Growth, Nutrients, Suspended Solids (5)	Other Habitat Alterations (5)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
MILFORD TWP	PAI130022	Yes	SP, IP	Delmont Lake		Exotic Species (5)
				Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Beaver Run		Other Habitat Alterations (4c)
				Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Beaver Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
MORRISVILLE BORO	PAG130104	No		Rock Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
NEW BRITAIN BORO	PAG130154	Yes	TMDL Plan	Pine Run	Appendix E-Excessive Algal Growth (5)	
				Cooks Run	Appendix E-Nutrients (5)	
				Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				North Branch Neshaminy Creek		Water/Flow Variability (4c)

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

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



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Bucks County</b>						
SELLERSVILLE BORO	PAG130155	No		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)
				Mill Creek	Appendix E-Siltation (5)	
SILVERDALE BORO	PAG130160	No		Pleasant Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
SOLEBURY TWP	PAI130506	Yes	SP, IP	Unnamed Tributaries to Jericho Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Delaware River		Mercury (5)
SPRINGFIELD TWP	PAI130001*	Yes	W-I	Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
TELFORD BORO	PAG130133	Yes	TMDL Plan	Indian Creek TMDL	TMDL Plan-Nutrients (4a), TMDL Plan-Nutrients (4a)	
TRUMBAUERSVILLE BORO	PAI130540	Yes	IP	Unnamed Tributaries to Unami Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Morgan Creek	Appendix E-Nutrients, Siltation (5)	
				Delmont Lake		Exotic Species (5)
				Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
TULLYTOWN BORO	PAG130161	No		Unnamed Tributaries to Delaware River		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Martins Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
UPPER MAKEFIELD TWP	PAG130010	No		Delaware River		Mercury (5)
				Jericho Creek	Appendix E-Siltation (5)	
UPPER SOUTHAMPTON TWP	PAG130029	Yes	TMDL Plan	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		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Unnamed Tributaries to Southampton Creek	Appendix B-Pathogens (4a)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
	Mill 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
<b>Bucks County</b>						
WARMINSTER TWP	PAG130049	Yes	TMDL Plan	Southampton Creek TMDL	TMDL Plan-Nutrients, Organic Enrichment/Low D.O., Siltation (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)
				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)	
				Southampton Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Pennypack Creek	Appendix C-Priority Organics (5)	
Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)				
WARRINGTON TWP	PAG130055	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)
				Mill Creek	Appendix E-Nutrients (5)	
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
Unnamed Tributaries to Mill Creek		Flow Alterations (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)
				Unnamed Tributaries to Neshaminy Creek		Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
WEST ROCKHILL TWP	PAG130046	No		Tohickon Creek	Appendix E-Nutrients, Siltation (5)	
				Lake Nockamixon	Appendix E-Nutrients, Suspended Solids (4a)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Threemile Run	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Unnamed Tributaries to East Branch Perkiomen Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
WRIGHTSTOWN TWP	PAG130043	No		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)	
				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
<b>Bucks County</b>						
YARDLEY BORO	PAG130041	No		Delaware River	Appendix C-PCB (4a)	Mercury (5)
				Buck Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Brock Creek		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Butler County</b>						
JEFFERSON TWP		Yes	SP	Little Buffalo Creek		Cause Unknown (5)
				Sarver Run		Cause Unknown (5)
				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		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Kaufman Run	Appendix E-Siltation (5)	
VALENCIA BORO	PAG138327	No		Breakneck Creek	Appendix E-Siltation (5)	Cause Unknown (5)
WINFIELD TWP	PAI138302*	Yes	SP, W-I	Buffalo Creek		Cause Unknown (5)
				Little Buffalo Creek	Appendix E-Nutrients (5)	Cause Unknown (5), Other Habitat Alterations (4c)
ZELIENOPLE BORO		No		Connoquenessing Creek	Appendix B-Pathogens (5)	
				Glade 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
<b>Cambria County</b>						
ADAMS TWP	PAG136369	No		Little Paint Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Paint Creek	Appendix A-Metals, pH (4a)	
BROWNSTOWN BORO	PAG136360	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Elk Run		Other Habitat Alterations (4c)
CONEMAUGH TWP	PAG136139	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Other Habitat Alterations (4c)
				Solomon Run		Other Habitat Alterations (4c)
DAISYTOWN BORO	PAG136321	Yes	TMDL Plan	Stonycreek River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DALE BORO	PAG136224	Yes	TMDL Plan	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	Yes	TMDL Plan	Little Conemaugh River		Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
EAST TAYLOR TWP	PAG136341	Yes	TMDL Plan	Little Conemaugh River		Other Habitat Alterations (4c)
				Hinckston Run	Appendix E-Siltation (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
FERNDALE BORO	PAG136286	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
FRANKLIN BORO	PAG136362*	Yes	TMDL Plan	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Conemaugh River		Other Habitat Alterations (4c)
				Clapboard Run		Other Habitat Alterations (4c)

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

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



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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Centre County</b>						
BENNER TWP	PAI134809*	Yes	W-I	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	Spring Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Logan Branch	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Slab Cabin Run	Appendix E-Siltation (5)	Flow Alterations (4c), Thermal Modifications (5)
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)	
				Spring Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Buffalo Run	Appendix E-Siltation (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	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)	

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Chester County</b>						
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	Unnamed Tributaries to East Branch Brandywine Creek		Other Habitat Alterations (4c)
				West Valley Creek		Water/Flow Variability (4c)
				Taylor Run		Other Habitat Alterations (4c)
				Plum Run		Water/Flow Variability (4c)
				East Branch Brandywine Creek		Cause Unknown (4a), Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Blackhorse Run		Other Habitat Alterations, Water/Flow Variability (4c)
Broad Run		Water/Flow Variability (4c)				
EAST BRANDYWINE TWP	PAI130524	Yes	SP, IP	Culbertson Run	Appendix E-Siltation (4a)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (4a)	
				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 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	TMDL Plan, SP, IP	Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Stony Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
EAST FALLOWFIELD TWP	PAI130512	Yes	TMDL Plan, SP, IP	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)	
				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)
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
<b>Chester County</b>						
EAST GOSHEN TWP	PAI130520	Yes	SP, IP	Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hunters Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
EAST MARLBOROUGH TWP	PAI130023	Yes	TMDL Plan, SP, IP	West Branch Red Clay Creek	Appendix C-PCB (4a)	Cause Unknown (4a)
				Unnamed Tributaries to East Branch Red Clay Creek		
				South Brook	Appendix C-PCB (4a)	
				Red Clay Creek	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)	
Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)					
EAST NOTTINGHAM TWP		Yes	SP	Little Elk Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				North East Creek	Appendix E-Siltation (5)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
EAST PIKELAND TWP	PAI130514	Yes	TMDL Plan, SP, IP	French Creek	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Stony Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
EAST VINCENT TWP	PAI130518	Yes	TMDL Plan, SP, IP	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)	
				French Creek	Appendix B-Pathogens (5)	
				Stony Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
EAST WHITELAND TWP	PAI130508	Yes	SP, IP	Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Chester County</b>						
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	White Clay Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Indian Run	Appendix B-Pathogens (5)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
West Branch White Clay Creek	Appendix B-Pathogens (5)					
HONEY BROOK BORO		Yes	TMDL Plan, SP	Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
HONEY BROOK TWP	PAI130535	Yes	TMDL Plan, SP, IP	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)	
				West Branch Brandywine Creek	Appendix C-PCB (4a)	Water/Flow Variability (4c)
KENNETT SQUARE BORO	PAG130037	Yes	TMDL Plan	West Branch Red Clay Creek	Appendix C-PCB (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Red Clay Creek	Appendix C-PCB (4a)	
				Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
KENNETT TWP	PAG130146	Yes	TMDL Plan	Unnamed Tributaries to East Branch Red Clay Creek		Cause Unknown (4a)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				West Branch Red Clay Creek	Appendix C-PCB (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)	
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
<b>Chester County</b>						
LONDON BRITAIN TWP	PAG130062	Yes	TMDL Plan	White Clay Creek	Appendix B-Pathogens (5)	
				West 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)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Broad Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
			Walnut Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)	
LONDON GROVE TWP	PAI130503	Yes	TMDL Plan, SP, IP	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Indian Run	Appendix B-Pathogens (5)	
				White Clay Creek	Appendix B-Pathogens (5)	
				East Branch White Clay Creek	Appendix B-Pathogens (5)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
			Middle Branch White Clay Creek	Appendix B-Pathogens (5)		
LONDONDERRY TWP		Yes	SP	East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOWER OXFORD TWP		Yes	SP	Octoraro Lake	Appendix E-Nutrients (5)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MALVERN BORO	PAI130525	Yes	SP, IP	Crum Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
MODENA BORO	PAG130178	Yes	TMDL Plan	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)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	

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



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Chester County</b>						
PENN TWP	PAI130539	Yes	TMDL Plan, SP, IP	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)	
				East Branch Big Elk Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
				West Branch White Clay Creek	Appendix B-Pathogens (5)	
PENNSBURY TWP	PAG130134	Yes	TMDL Plan	Christina River Basin Nutrients	TMDL Plan-Nutrients, Organic Enrichment/Low D.O. (4a)	
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
PHOENIXVILLE BORO	PAI130003	Yes	TMDL Plan, SP, IP	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	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)	
				Buck Run		Other Habitat Alterations (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
SCHUYLKILL TWP	PAI130533	Yes	TMDL Plan, SP, IP	Sucker Run		Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Pickering Creek		Water/Flow Variability (4c)
				Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Schuylkill River		Cause Unknown (5), Water/Flow Variability (4c)
SOUTH COATESVILLE BORO	PAG130163	No		French Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Pickering Creek		Cause Unknown (5)
SOUTH COVENTRY TWP	PAI130541	Yes	SP, IP	Unnamed Tributaries to West Branch Brandywine Creek	Appendix E-Siltation (5)	
				West Branch Brandywine Creek	Appendix C-PCB (4a), Appendix E-Nutrients, Siltation (4a)	Water/Flow Variability (4c)
SOUTH COVENTRY TWP	PAI130541	Yes	SP, IP	Schuylkill River	Appendix C-PCB (4a)	
				French Creek	Appendix B-Pathogens (5)	
				Pigeon Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
SPRING CITY BORO	PAG130070	Yes	TMDL Plan	Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Cause Unknown (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
<b>Chester County</b>						
THORNBURY TWP	PAG130067	Yes	TMDL Plan	Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Radley Run		Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Waln Run	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
TREDYFFRIN TWP	PAI130504	Yes	SP, IP	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)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Schuykill River	Appendix C-PCB (4a)	
				Crow Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Trout Creek	Appendix E-Siltation (5)	Cause Unknown (4a), 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	Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
UWCHLAN TWP	PAI130505	Yes	SP, IP	Unnamed Tributaries to East Branch Brandywine Creek	Appendix E-Siltation (4a)	
				Shamona Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Pine Creek		Cause Unknown (5), Water/Flow Variability (4c)
				Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5)
				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)

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Chester County</b>						
WEST CHESTER BORO	PAG130002	Yes	TMDL Plan	Taylor Run	Appendix E-Siltation (4a)	Cause Unknown (4a), Other Habitat Alterations (4c)
				Plum Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Brandywine Creek	Appendix E-Siltation (4a)	
				Blackhorse Run	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
WEST GOSHEN TWP	PAI130532	Yes	TMDL Plan, SP, IP	East Branch Brandywine Creek		Cause Unknown (4a), Water/Flow Variability (4c)
				Plum Run		Water/Flow Variability (4c)
				John Smedley Run		Water/Flow Variability (4c)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Taylor Run		Cause Unknown (4a), Other Habitat Alterations (4c)
				Christina River Basin Sediment	TMDL Plan-Siltation, Suspended Solids (4a)	
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Broad Run		Water/Flow Variability (4c)
Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)				
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)	
				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)	
				Middle Branch White Clay Creek	Appendix B-Pathogens (5)	
WEST NOTTINGHAM TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				North East Creek	Appendix E-Siltation (5)	
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Valley Creek	Appendix E-Siltation (5)	
				East Branch Octoraro Creek	Appendix E-Nutrients, Siltation (5)	
				Pine 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
<b>Chester County</b>						
WEST VINCENT TWP	PAG130172*	Yes	SP	Pickering Creek	Appendix B-Pathogens (5)	Cause Unknown (5), Water/Flow Variability (4c)
				French Creek	Appendix B-Pathogens (5)	
				East Branch Brandywine Creek		Cause Unknown (4a), Other Habitat Alterations, Water/Flow Variability (4c)
				Birch Run	Appendix B-Pathogens (5)	
				Schuylkill River	Appendix C-PCB (4a)	
WEST WHITELAND TWP	PAI130530	Yes	SP, IP	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)
				Brandywine Creek	Appendix E-Siltation (4a)	
				Broad Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				West Valley Creek	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
WESTTOWN TWP	PAI130528	Yes	TMDL Plan, SP, IP	Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Brandywine Creek	Appendix E-Siltation (4a)	
				Hunters Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Plum Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Radley Run	Appendix E-Siltation (4a)	Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
WILLISTOWN TWP	PAI130521	Yes	SP, IP	Crum Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Cause Unknown (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)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Valley Creek	Appendix C-PCB (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Hunters 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
<b>Columbia County</b>						
BERWICK BORO		No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Susquehanna River		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BLOOMSBURG TOWN		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Kinney Run	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
BRIAR CREEK BORO		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
BRIAR CREEK TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Branch Briar Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Thermal Modifications (5)
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
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		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HEMLOCK TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Frozen Run	Appendix E-Siltation (4a)	
				Hemlock Creek	Appendix E-Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				West Hemlock Creek	Appendix E-Siltation (4a)	
MAIN TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
MIFFLIN TWP		No		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
<b>Columbia County</b>						
MONTOUR TWP		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Montour Run	Appendix E-Siltation (4a)	
				Catawissa Creek	Appendix A-Metals (4a)	
NORTH CENTRE TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Mercury (5)
				Susquehanna River	Appendix C-PCB (4a)	
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		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
<b>Crawford County</b>						
MEADVILLE CITY	PAG138312	No			No known water quality impairments at this time. Must comply with all other permit requirements.	

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



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Cumberland County</b>						
MECHANICSBURG BORO	PAG133553	No		Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
MIDDLESEX TWP		Yes	SP	Wertz Run	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MONROE TWP	PAG133573	No		Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
				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		Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
NORTH MIDDLETON TWP		Yes	SP	Wertz Run	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Alexanders Spring Creek	Appendix E-Siltation (4a)	
SHIREMANSTOWN BORO	PAG133660	No		Susquehanna River	Appendix C-PCB (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)	
SILVER SPRING TWP	PAI133514	Yes	SP, IP	Hogestown Run	Appendix E-Organic Enrichment/Low D.O., Siltation (4a), Appendix B-Pathogens (5)	Cause Unknown (5)
				Trindle Spring Run	Appendix E-Siltation (4a), Appendix C-PCB, Priority Organics (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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
<b>Cumberland County</b>						
UPPER ALLEN TWP	PAG133708	No		Cedar Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Cedar Run		Flow Alterations (4c)
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Yellow Breeches Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
WORMLEYSBURG BORO	PAG133616	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Dauphin County</b>						
LONDONDERRY TWP	PAG133547	No		Unnamed Tributaries to Conewago Creek	Appendix E-Organic Enrichment/Low D.O. (4a)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Lynch Run	Appendix E-Siltation (4a)	Cause Unknown, Turbidity (4a)
				Iron Run	Appendix E-Siltation (5)	
				Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LOWER PAXTON TWP	PAG133643	Yes	TMDL Plan	Nyes Run	Appendix B-Pathogens (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Nyes Run		Flow Alterations, Other Habitat Alterations (4c)
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (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)	
Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)				
LOWER SWATARA TWP	PAG133543	No		Burd Run		Cause Unknown (5)
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Sherman Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
MIDDLE PAXTON TWP	PAG133688*	Yes	SP	Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MIDDLETOWN BORO	PAG133645	No		Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Sherman Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
PAXTANG BORO	PAG133554	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Spring 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
<b>Dauphin County</b>						
PENBROOK BORO	PAG133555	Yes	TMDL Plan	Susquehanna River	Appendix C-PCB (5)	
				Spring Creek		Cause Unknown (5)
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
ROYALTON BORO	PAG133641*	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SOUTH HANOVER TWP	PAG133500	No		Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Manada Creek	Appendix B-Pathogens (5)	
STEELTON BORO	PAG133625	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				Pennsylvania Canal	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Swatara Creek	Appendix E-Siltation (5)	
SUSQUEHANNA TWP	PAG133633	Yes	TMDL Plan	Susquehanna River	Appendix C-PCB (5)	
				Spring Creek		Cause Unknown (5)
				Unnamed Tributaries to Asylum Run		Other Habitat Alterations (4c)
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	
				Slotznick Run		Cause Unknown (5)
				Paxton Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Paxton Creek	Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Wildwood Lake	Appendix E-Nutrients, Suspended Solids (4a)	
				Asylum Run	Appendix B-Pathogens (5)	Water/Flow Variability (4c)
Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)					

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Dauphin County</b>						
SWATARA TWP	PAG133615	No		Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	
				Unnamed Tributaries to Spring Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Pennsylvania Canal	Appendix E-Siltation (5)	
				Slotznick Run		Cause Unknown (5)
				Unnamed Tributaries to Sherman Creek		Cause Unknown (5)
				Spring Creek		Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Swatara Creek	Appendix E-Siltation (5)	
			Susquehanna River	Appendix C-PCB (5)		
WEST HANOVER TWP	PAG133545	No		Manada Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Beaver Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Manada Creek	Appendix E-Nutrients (5)	
				Walnut Run	Appendix B-Pathogens (5)	
				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
<b>Delaware County</b>						
ALDAN BORO	PAG130009	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)
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hermesprotta Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
ASTON TWP	PAG130122	No		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)
				Dutton Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Chester Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Baldwin Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
BETHEL TWP	PAG130176	No		East Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				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)
				Green 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)
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Webb Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, 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)
				Delaware River	Appendix C-PCB (4a)	
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)

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



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Delaware County</b>						
COLWYN BORO	PAG130093	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)
CONCORD TWP	PAG130158	No		Green 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)
				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)
DARBY BORO	PAG130127	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)
DARBY TWP	PAG130088	No		Hermesprot Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
EAST LANSDOWNE BORO	PAG130124	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)	
				Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
EDDYSTONE BORO	PAG130087	No		Crum Creek	Appendix C-PCB (4a)	
				Delaware River	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)
				Rocky Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Big 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
<b>Delaware County</b>						
FOLCROFT BORO	PAG130015	No		Darby Creek	Appendix C-PCB (5)	
				Delaware River	Appendix C-PCB (4a)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
GLENOLDEN BORO	PAG130092	No		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)
				Delaware River	Appendix C-PCB (4a)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Hermesprota Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
HAVERFORD TWP	PAG130077	No		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)
				Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ithan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
LANSLOWNE BORO	PAG130126	No		Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				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)
LOWER CHICHESTER TWP	PAG130091	No		Marcus Hook Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				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 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
<b>Delaware County</b>						
MARPLE TWP	PAI130021	Yes	SP, IP	Langford Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Trout Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				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)
				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)
MEDIA BORO	PAG130115	No		Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Dicks Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				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)
MIDDLETOWN TWP	PAI130510	Yes	SP, IP	Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
				Spring Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Crum Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Chrome Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Rocky Run	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)				
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
<b>Delaware County</b>						
MORTON BORO	PAG130094	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)	
				Shipleigh Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Stony Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
NETHER PROVIDENCE TWP	PAG130099	No		Dicks Run	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, 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)
				Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)				
NEWTOWN TWP	PAI130502	Yes	SP, IP	Lewis Run		Cause Unknown (5)
				Thomas Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Hunter Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Foxes Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Reeses Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Saw Mill Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Little Darby Creek	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)
Preston Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)				
NORWOOD BORO	PAG130135	No		Delaware River	Appendix C-PCB (4a)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5)	
PARKSIDE BORO	PAG130083	No		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)
				Chester Creek	Appendix C-PCB (4a), 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
<b>Delaware County</b>						
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)
				Darby Creek	Appendix C-PCB (5)	
				Delaware River	Appendix C-PCB (4a)	
RADNOR TWP	PAG130102	No		Saw Mill Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Meadowbrook Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Gulph Creek	Appendix E-Siltation (5)	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)
				Valley Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				Finn Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Miles Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Mill Creek	Appendix E-Nutrients, Siltation (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)
				Little Darby Creek	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Kirks Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ithan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Abrahams Run	Appendix C-PCB (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)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Camp Run	Appendix C-PCB (5)	Cause Unknown (5), Water/Flow Variability (4c)				
Doom Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, 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)	
				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)
				Little 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
<b>Delaware County</b>						
RIDLEY TWP	PAG130180*	No		Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Darby Creek	Appendix C-PCB (5)	
				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)
				Shipleigh Branch	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				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		Other Habitat Alterations (4c)	
ROSE VALLEY BORO	PAG130173	No		Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Delaware River	Appendix C-PCB (4a)	
				Vernon Run	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
RUTLEDGE BORO	PAG130177	No		Darby Creek	Appendix C-PCB (5)	
				Crum Creek	Appendix C-PCB (4a)	
				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		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)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Delaware County</b>						
SPRINGFIELD TWP	PAG130130	No		ShIPLEY Branch	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)
				Whetstone Run	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)
				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)
				Whiskey Run	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)
				Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
SWARTHMORE BORO	PAG130001	No		Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Little Crum Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
THORNBURY TWP	PAI130517	Yes	TMDL Plan, IP	Waln Run	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Goose Creek TMDL	TMDL Plan-Nutrients (4a)	Cause Unknown (4a)
				Chester Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
TINICUM TWP	PAG130097	No		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		Marcus Hook Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				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
<b>Delaware County</b>						
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		Marcus Hook Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to West Branch Chester Creek	Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				West Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				East Branch Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Naaman Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
UPPER DARBY TWP	PAG130003	No		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)
				Naylor's Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
				Muckinipattis Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
UPPER PROVIDENCE TWP	PAI130542	Yes	SP, IP	Crum Creek	Appendix C-PCB (4a), Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Ridley Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Crum Creek		Other Habitat Alterations (4c)
				Ridley Creek	Appendix E-Siltation (5)	Cause Unknown (5), Water/Flow Variability (4c)
				Delaware River	Appendix C-PCB (4a)	
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
<b>Erie County</b>						
ERIE CITY	PAG138321	No		West Branch Cascade Creek	Appendix E-Siltation (5)	
				Mill Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
FAIRVIEW TWP	PAG138332	No		Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
				Trout Run	Appendix E-Nutrients, Siltation (5)	
				Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
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)	
				Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Mill Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Lake Erie	Appendix E-Siltation (5)	
SUMMIT TWP	PAG138330	No		Unnamed Tributaries to LeBoeuf Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Walnut Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				LeBoeuf Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
WESLEYVILLE BORO	PAG138311	No			No known water quality impairments at this time. Must comply with all other permit requirements.	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Fayette County</b>						
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		Monongahela River	Appendix C-PCB (4a)	
				Redstone Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Redstone Creek	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (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			No known water quality impairments at this time. Must comply with all other permit requirements.	
DUNBAR BORO	PAG136137	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
DUNBAR TWP	PAI136107	Yes	SP, IP	Gist Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Opossum Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Youghiogheny River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Ferguson Run	Appendix A-Metals, pH (4a)	
				Dickerson Run	Appendix E-Organic Enrichment/Low D.O. (5)	
EVERSON BORO	PAG136186*	No		Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
FAIRCHANCE BORO	PAG136358	No		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
<b>Fayette County</b>						
GEORGES TWP	PAG136133	No		Muddy Run	Appendix E-Siltation (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)	
				Redstone Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (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)	
LUZERNE TWP		No		Dunlap Creek	Appendix A-Metals, pH (5), Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Lilly Run	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		Cove Run	Appendix A-Metals (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Gist Run	Appendix E-Siltation (5)	
				Shutes Run	Appendix E-Siltation (4a)	Cause Unknown (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 Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (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)	
				Lilly Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Monongahela River	Appendix C-PCB (4a)	
SOUTH CONNELLSVILLE BORO	PAI136119	Yes	IP	Unnamed Tributaries to Youghiogheny River	Appendix A-Metals, pH (5)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Fayette County</b>						
SOUTH UNION TWP	PAG136205	No		Redstone Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation, Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Coal Lick Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Bennington Spring Run	Appendix A-pH (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Lick Run	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	Cause Unknown (5)
UNIONTOWN CITY	PAG136305	No		Redstone Creek	Appendix A-Metals (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Coal Lick Run	Appendix E-Siltation (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Unnamed Tributaries to Redstone Creek	Appendix A-pH (4a), Appendix E-Siltation, Suspended Solids (4a)	
UPPER TYRONE TWP	PAG136254*	No		Unnamed Tributaries to Jacobs Creek	Appendix A-Metals, pH (5), Appendix E-Organic Enrichment/Low D.O. (5)	
				Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
VANDERBILT BORO	PAG136126	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
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
<b>Franklin County</b>						
ANTRIM TWP	PAG133705	Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conococheague Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Muddy Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
CHAMBERSBURG BORO	PAG133704	No		Unnamed Tributaries to Conococheague Creek		Oil and Grease (5), Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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	Unnamed Tributaries to Conococheague Creek	Appendix E-Nutrients, Siltation (5)	
				Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
				Rowe Run	Appendix E-Organic Enrichment/Low D.O., Siltation (4a)	
				Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
GUILFORD TWP		Yes	SP	Unnamed Tributaries to Conococheague Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HAMILTON TWP		No		Unnamed Tributaries to Conococheague Creek		Oil and Grease (5), Water/Flow Variability (4c)
				Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
LETTERKENNY TWP		No		Rocky Spring Branch	Appendix E-Siltation (5)	Turbidity (5)
				Back Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
ST THOMAS TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Back 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
<b>Lackawanna County</b>						
ARCHBALD BORO	PAI132249	Yes	SP, IP	Callender Gap Creek	Appendix E-Siltation (5)	
				Wildcat Creek		Flow Alterations (4c)
				Laurel Run	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Aylesworth Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				White Oak Run	Appendix A-pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
			West Branch Tinklepaugh Creek		Flow Alterations (4c)	
BLAKELY BORO	PAG132252	Yes	SP	Hull Creek		Other Habitat Alterations (4c)
				West Branch Tinklepaugh Creek		Flow 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)
CARBONDALE CITY	PAI132246	Yes	SP, IP	Coal Brook		Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
CARBONDALE TWP	PAG132309	Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Powderly Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	
CLARKS GREEN BORO	PAG132209	No		Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
CLARKS SUMMIT BORO	PAG132207	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				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
<b>Lackawanna County</b>						
DALTON BORO	PAG132271	No		Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				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)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Lackawanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
				Hull Creek		Other Habitat Alterations (4c)
DUNMORE BORO	PAG132244	No		Eddy Creek		Flow Alterations (4c)
				Stafford Meadow Brook		Other Habitat Alterations (4c)
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Lackawanna River		Flow Alterations, Other Habitat Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
FELL TWP	PAI132260	Yes	SP, IP	Coal Brook		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Wilson Creek	Appendix A-Metals, pH (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
GLENBURN TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
JERMYN BORO	PAI132245	Yes	SP, IP	Lackawanna River	Appendix A-Metals, pH (4a)	
				Aylesworth Creek	Appendix E-Siltation (5)	
				Callender Gap Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
JESSUP BORO	PAI132244	Yes	SP, IP	Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Serry Creek		Flow Alterations, Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Lackawanna County</b>						
LAPLUME TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
MAYFIELD BORO	PAI132243	Yes	SP, IP	Powderly Creek	Appendix A-Metals (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Lackawanna River	Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MOOSIC BORO	PAG132264	Yes	SP	Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	
				Spring Brook		Cause Unknown (5)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Covey Swamp Creek		Cause Unknown (5), Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Stafford Meadow Brook		Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
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)
				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)
				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	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Lackawanna River		Flow Alterations (4c)
				Sterry Creek		Flow Alterations, Other Habitat Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Eddy Creek		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
<b>Lackawanna County</b>						
SCOTT TWP	PAI132242	Yes	IP	Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Kennedy Creek	Appendix B-Pathogens (5)	
				Lackawanna Lake	Appendix E-Organic Enrichment/Low D.O. (5)	Mercury (Lakes) (5)
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Hull Creek		Other Habitat Alterations (4c)
SCRANTON CITY	PAI132203	Yes	IP	Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				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)	
				Unnamed Tributaries to Stafford Meadow Brook	Appendix B-Pathogens (5)	Other Habitat Alterations (4c)
				Keyser Creek	Appendix A-Metals, pH (4a)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SOUTH ABINGTON TWP	PAG132208	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Ackerly Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Summit Lake Creek		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)
				Summit Lake Creek	Appendix E-Siltation (5)	Thermal Modifications (5)
TAYLOR BORO	PAG132205	No		Unnamed Tributaries to Saint Johns Creek		Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Keyser Creek	Appendix A-Metals, pH (4a)	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)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	Flow Alterations (4c)
				Saint Johns Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
THROOP BORO	PAG132253	No		Unnamed Tributaries to Lackawanna River		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Eddy Creek		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
<b>Lackawanna County</b>						
VANDLING BORO	PAI132241	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WAVERLY TWP	PAG132267	No		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)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5)	
				Leggetts Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				South Branch Tunkhannock Creek	Appendix B-Pathogens (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
<b>Lancaster County</b>						
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)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
BRECKNOCK TWP	PAG133602	Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Little Muddy Creek	Appendix E-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)	
				Shawnee Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
CONESTOGA TWP	PAG133638	No		Unnamed Tributaries to Susquehanna River		Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Conestoga River		Mercury (5)
CONOY TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				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
<b>Lancaster County</b>						
EARL TWP	PAG133569	No		Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Groff Run	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
EAST COCALICO TWP	PAG133572	No		Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Little Muddy Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Muddy Creek	Appendix E-Nutrients, Siltation (5)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Stony Run	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
EAST DONEGAL TWP	PAG133612	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				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)
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
EAST EARL TWP	PAI133519	Yes	SP, IP	Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Cedar Creek	Appendix E-Siltation (5)	
				Shirks Run	Appendix E-Siltation (5)	
				Mill Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Cedar Creek	Appendix E-Nutrients (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
EAST HEMPFIELD TWP	PAG133632	No		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)
				Swarr 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
<b>Lancaster County</b>						
EAST LAMPETER TWP	PAG133541	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Mill Creek	Appendix E-Nutrients, Siltation (5)	
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				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		Santo Domingo Creek	Appendix E-Suspended Solids (4a)	
				Litz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	
				Hammer Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
ELIZABETH TOWN BORO	PAG133716	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Conoy Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
EPHRATA BORO	PAG133627	No		Unnamed Tributaries to Cocalico Creek		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
EPHRATA TWP	PAG133538	No		Coover Run	Appendix E-Nutrients, Siltation (5)	
				Conestoga River	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Cocalico Creek	Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Meadow Run	Appendix E-Nutrients, Siltation (5)	
LANCASTER CITY	PAG133622*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Conestoga River		Flow Alterations (4c)
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Lancaster County</b>						
LANCASTER TWP	PAG133584	No		Unnamed Tributaries to Conestoga River	Appendix E-Nutrients (5)	
				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)
				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	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lititz Run TMDL	TMDL Plan-Siltation, Suspended Solids, Turbidity (4a)	
				Lititz Run	Appendix B-Pathogens (5)	
				Conestoga River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
MANHEIM BORO	PAG133640	No		Chiques Creek	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Chiques Creek	Appendix E-Nutrients (4a)	Cause Unknown (5)
				Rife Run	Appendix E-Siltation (4a)	
MANHEIM TWP	PAG133534	No		Bachman Run	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
				Lititz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	
				Conestoga River	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Chlorine, Mercury (5)
MANOR TWP	PAG133537	No		Witmers Run	Appendix E-Siltation (5)	
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				West Branch Little Conestoga Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Stamans Run	Appendix E-Nutrients, Siltation (5)	
				Conestoga River		Mercury (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
<b>Lancaster County</b>						
MARIETTA BORO	PAG133598	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
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		Donegal Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Suspended Solids (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Conoy Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations (4c)
				Conewago Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a), Appendix B-Pathogens (5)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
MOUNTVILLE BORO	PAG133533	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
				Strickler Run	Appendix E-Siltation (5)	Cause Unknown (5)
MT JOY BORO	PAG133658	No		Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Unnamed Tributaries to Donegal Creek	Appendix E-Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Chiques Creek	Appendix E-Nutrients (4a)	
				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
<b>Lancaster County</b>						
PARADISE TWP	PAG133532	No		Londonland Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Pequea Creek	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Calamus Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	
				Houston 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)	
PENN TWP	PAG133567	No		Unnamed Tributaries to Chiques Creek		Cause Unknown (5)
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				Little Conestoga Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Cause Unknown (5)
				Santo Domingo Creek	Appendix E-Suspended Solids (4a)	
				Lititz Run	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PEQUEA TWP	PAG133648	No		Conestoga River		Chlorine, Mercury (5)
				Unnamed Tributaries to Conestoga River	Appendix E-Nutrients, Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PROVIDENCE TWP	PAG133618	No		Big Beaver Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
RAPHO TWP	PAG133564*	No		Rife Run	Appendix E-Siltation (4a)	
				Little Chiques Creek	Appendix E-Nutrients, Siltation (5)	
				Susquehanna River	Appendix B-Pathogens (5), Appendix C-PCB (5)	
				Chiques Creek	Appendix E-Nutrients, Siltation (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SADSBURY TWP		No		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)	
				Williams Run	Appendix E-Nutrients, Siltation (5)	



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

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

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Lebanon County</b>						
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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
CORNWALL BORO	PAG133700	No		Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				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)
HEIDELBERG TWP		No		Hammer Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
JACKSON TWP	PAG133683	No		Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients, Siltation (4a)	
				Owl Creek	Appendix E-Nutrients, Siltation, Suspended Solids (4a)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Deep Run	Appendix E-Nutrients, Siltation (4a)	
				Little Swatara Creek	Appendix B-Pathogens (5)	
JONESTOWN BORO	PAG133695*	No		Unnamed Tributaries to Tulpehocken Creek	Appendix E-Nutrients, Siltation (4a)	Cause Unknown (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEBANON CITY	PAG133613	No		Unnamed Tributaries to Manada Creek		Flow Alterations, Other Habitat Alterations (4c)
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)
				Brandywine Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MILLCREEK TWP		No		Mill Creek	Appendix E-Siltation (5)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
MYERSTOWN BORO	PAG133703	No		Unnamed Tributaries to Tulpehocken Creek		Cause Unknown (5)
				Tulpehocken 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
<b>Lebanon County</b>						
NORTH ANNVILLE TWP	PAG133701	No		Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NORTH CORNWALL TWP	PAG133698	No		Beck Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
NORTH LEBANON TWP	PAG133679	No		Tulpehocken Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Little Swatara Creek	Appendix E-Nutrients (4a)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)
				Ebeneser Union Canal (Lights Dam)	Appendix A-pH (5), Appendix E-Nutrients (5)	
				Bachman Run	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Brandywine Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Swatara Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	Flow Alterations (4c)
NORTH LONDONDERRY TWP	PAG133563	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)
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Killinger Creek	Appendix E-Siltation (4a)	Flow Alterations (4c)
				Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
PALMYRA BORO	PAG133558	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)
				Spring Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Unnamed Tributaries to Killinger Creek	Appendix E-Siltation (4a)	Flow Alterations (4c)
				Unnamed Tributaries to Spring Creek		Water/Flow Variability (4c)
RICHLAND BORO		No		Mill Creek	Appendix E-Siltation (5)	
				Tulpehocken Creek	Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to Tulpehocken Creek	Appendix E-Nutrients, Siltation (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Lebanon County</b>						
SOUTH ANNVILLE TWP	PAG133623	No		Killinger Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
				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)	
				Bachman Run	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
SOUTH LEBANON TWP	PAG133684	No		Unnamed Tributaries to Snitz Creek	Appendix E-Siltation (4a)	
				Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Unnamed Tributaries to Manada Creek		Flow Alterations, Other Habitat Alterations (4c)
				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)
SOUTH LONDONDERRY TWP	PAG133546	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
				Killinger Creek	Appendix E-Nutrients, Siltation (4a), Appendix B-Pathogens (5)	Flow 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)	
				Unnamed Tributaries to Snitz Creek	Appendix E-Siltation (4a)	
				Snitz Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations (4c)
WEST LEBANON TWP	PAG133702	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Swatara Creek	Appendix E-Nutrients (5)	Flow Alterations (4c)
				Quittapahilla Creek	Appendix E-Siltation (4a), Appendix B-Pathogens (5)	Flow Alterations, Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment	
<b>Lehigh County</b>							
ALBURTIS BORO	PAI132231	Yes	SP, IP	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)		
ALLENTOWN CITY	PAI132239	Yes	SP, IP	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)		
				Jordan Creek	Appendix E-Siltation (5)		Water/Flow Variability (4c)
				Cedar Creek	Appendix B-Pathogens (5)		
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)		
				Little Cedar Creek	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)		Water/Flow Variability (4c)
				Unnamed Tributaries to Trout Creek			Flow Alterations (4c)
Little Cedar Creek TMDL	TMDL Plan-Suspended Solids (4a)						
CATASAUQUA BORO	PAI132248	Yes	SP, IP	Catasauqua Creek	Appendix E-Siltation (5)		
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)		
COOPERSBURG BORO	PAG132213	No		Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)		
				Laurel Run	Appendix E-Siltation (5)		Flow Alterations (4c)
COPLAY BORO	PAG132201	No		Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)		
				Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)		
EMMAUS BORO	PAI132226	Yes	SP, IP	Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)		
				Leibert Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)		
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)		
FOUNTAIN HILL BORO	PAG132250	No		Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)		
HANOVER TWP	PAG132301	No		Lehigh River	Appendix A-Metals (5), Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)		
				Catasauqua Creek	Appendix E-Siltation (5)		
HEIDELBERG TWP	PAG132275	No		Mill Creek	Appendix B-Pathogens (5)	Water/Flow Variability (4c)	
				Jordan 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
<b>Lehigh County</b>						
LOWER MACUNGIE TWP	PAI132222	Yes	SP, IP	Unnamed Tributaries to Little Lehigh Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Leibert Creek	Appendix B-Pathogens (5), 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)	
				Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
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)	
				Unnamed Tributaries to Coplay Creek	Appendix E-Suspended Solids (5)	
				Coplay Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Unnamed Tributaries to Jordan Creek		Other Habitat Alterations (4c)
SALISBURY TWP	PAI132209	Yes	SP, IP	Cedar Creek	Appendix B-Pathogens (5)	
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Saucon Creek	Appendix E-Siltation (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)	
SOUTH WHITEHALL TWP	PAI132221	Yes	SP, IP	Little Cedar Creek	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Little Cedar Creek TMDL	TMDL Plan-Suspended Solids (4a)	
				Little Lehigh 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)
				Coplay Creek	Appendix B-Pathogens (5), 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
<b>Lehigh County</b>						
UPPER MACUNGIE TWP	PAI132205	Yes	SP, IP	Schaefer Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Breinig Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Cedar Creek	Appendix B-Pathogens (5)	
				Iron Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Little Cedar Creek	Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Spring Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
			Little Cedar Creek TMDL	TMDL Plan-Suspended Solids (4a)		
UPPER MILFORD TWP	PAI132204	Yes	SP, IP	Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Leibert Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Perkiomen Creek	Appendix E-Nutrients, Siltation (5)	Thermal Modifications (5)
				Swabia Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
			Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)		
UPPER SAUCON TWP	PAG132216	No		Saucon Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Laurel Run	Appendix E-Siltation (5)	Flow Alterations (4c)
WASHINGTON TWP		No		Coplay Creek	Appendix E-Siltation (5)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix B-Pathogens (5)	
				Lehigh River	Appendix A-Metals (5)	
WEISENBERG TWP	PAI132236	Yes	SP, IP	Little Lehigh Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Jordan Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lyon Creek		Cause Unknown (5)
				Mill Creek	Appendix E-Siltation (5)	
				Schaefer Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Spring Creek	Appendix B-Pathogens (5), Appendix E-Siltation (5)	
			Iron Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Lehigh County</b>						
WHITEHALL TWP	PAG132214	No		Coplay Creek	Appendix B-Pathogens (5), 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)	
				Little Lehigh 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
<b>Luzerne County</b>						
ASHLEY BORO	PAG132224	No		Sugar Notch Run		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)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
AVOCA BORO	PAG132230	No		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)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
BUTLER TWP	PAI132238	Yes	SP, IP	Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Little Fishing Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to West Branch Briar Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Little Nescopeck Creek	Appendix A-Metals, pH (4a)	
Black Creek	Appendix A-Metals, pH (4a)					
CONYNGHAM BORO		No		Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Little 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	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DUPONT BORO	PAG132226	No		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)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Mill Creek		Cause Unknown (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
<b>Luzerne County</b>						
DURYEA BORO	PAG132206	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
EDWARDSVILLE BORO	PAG132217	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
EXETER BORO	PAG132243	No		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)	
				Hicks Creek		Flow Alterations (4c)
FAIRVIEW TWP	PAI132261	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
FORTY FORT BORO	PAG132225	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
FOSTER TWP	PAG132258	No		Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to West Branch Briar Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Unnamed Tributaries to Little Fishing 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 Susquehanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
FREELAND BORO	PAG132279	No		Pond Creek	Appendix A-Metals, pH (4a)	
HANOVER TWP	PAG132231	No		Nanticoke Creek	Appendix A-Metals, pH (5)	
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Sugar Notch Run		Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
			Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)		

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Luzerne County</b>						
HARVEYS LAKE BORO	PAI132235	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HAZLE TWP	PAG132300*	Yes	SP	Little Black Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Stony Creek	Appendix A-Metals, pH (4a)	
				Hazle Creek	Appendix A-Metals, pH (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix E-Siltation (5)	Flow Alterations (4c)
				Black Creek	Appendix A-Metals, pH (4a)	
				Catawissa Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cranberry Creek		Flow Alterations (4c)
				Cross Run	Appendix A-Metals (4a)	
Unnamed Tributaries to Little Fishing Creek	Appendix E-Siltation (5)	Flow Alterations (4c)				
HAZLETON CITY	PAG132262	Yes	SP	Hazle Creek	Appendix A-Metals, pH (4a)	
HUGHESTOWN BORO	PAG132277	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				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)
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)
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
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		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
<b>Luzerne County</b>						
LAFLIN BORO	PAG132233	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
LARKSVILLE BORO	PAG132222	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
LEHMAN TWP	PAI132233	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				East Fork Harveys Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Turbidity (5)
LUZERNE BORO	PAG132305	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NANTICOKE CITY	PAG132247	No		Nanticoke Creek	Appendix A-Metals, pH (5)	
				Newport Creek	Appendix A-pH (4a)	
				South Branch Newport Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Nanticoke Creek		Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NESCOPECK BORO		No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Susquehanna River	Appendix A-pH (4a)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Nescopeck Creek	Appendix A-Metals, pH (4a)	
NEWPORT TWP	PAG132248	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Unnamed Tributaries to Nanticoke Creek		Flow Alterations (4c)
				Reservoir Creek	Appendix A-pH (4a), Appendix E-Siltation (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)	
				Middle Branch Newport Creek	Appendix A-pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Susquehanna River	Appendix C-PCB (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
<b>Luzerne County</b>						
PITTSTON CITY	PAG132221	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
PITTSTON TWP	PAG132246	Yes	SP	Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix A-pH (5), Appendix E-Siltation (5)	Flow Alterations (4c), Mercury (5)
				Lackawanna River	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Spring Brook		Cause Unknown (5)
				Mill Creek		Cause Unknown (5), Flow Alterations (4c)
PLAINS TWP	PAG132227	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Laurel Run	Appendix E-Siltation (5)	
PLYMOUTH BORO	PAG132220	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PLYMOUTH TWP	PAG132274	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
PRINGLE BORO	PAG132297	No		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
RICE TWP		Yes	SP	Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SALEM TWP		No		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
<b>Luzerne County</b>						
SUGAR NOTCH BORO	PAG132223	No		Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Nanticoke Creek	Appendix A-Metals, pH (5)	
				Sugar Notch Run		Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SUGARLOAF TWP	PAG132286	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Nescopeck Creek	Appendix A-Metals, pH (4a)	
				Little Nescopeck Creek	Appendix A-Metals, pH (4a)	
SWOYERSVILLE BORO	PAG132242	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
WARRIOR RUN BORO	PAG132232	No		Nanticoke Creek	Appendix A-Metals, pH (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Warrior Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
WEST HAZLETON BORO	PAG132292	No		Unnamed Tributaries to Cranberry Creek	Appendix A-Metals, pH (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Cranberry Creek		Flow Alterations (4c)
				Stony Creek	Appendix A-Metals, pH (4a)	
				Black Creek	Appendix A-Metals, pH (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		Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WILKES-BARRE CITY	PAG132272	No		Laurel Run	Appendix E-Siltation (5)	
				Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	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
<b>Luzerne County</b>						
WILKES-BARRE TWP	PAG132219	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mill Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				Solomon Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Spring Run	Appendix A-Metals (4a), Appendix E-Siltation (4a)	Flow Alterations (4c)
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Laurel Run	Appendix E-Siltation (5)	
WRIGHT TWP		Yes	SP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Big Wapwallopen Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
WYOMING BORO	PAG132245	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
YATESVILLE BORO	PAG132266	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix A-Metals (4a), Appendix C-PCB (4a)	Mercury (5)
				Gardner Creek	Appendix A-pH (5)	Water/Flow Variability (4c)
				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
<b>Lycoming County</b>						
DUBOISTOWN BORO	PAG134807	No		West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
FAIRFIELD TWP	PAI134808	Yes	IP	Bennetts Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix B-Pathogens (5)	
				Tules Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Tules Run		Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to West Branch Susquehanna River	Appendix E-Siltation (5)	
				West Branch Susquehanna River	Appendix C-PCB (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	SP, IP	Unnamed Tributaries to West Branch Susquehanna River		Cause Unknown (5), Water/Flow Variability (4c)
				West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Grafius Run		Cause Unknown (5), Water/Flow Variability (4c)
				Millers Run		Other Habitat Alterations, Water/Flow Variability (4c)
LYCOMING TWP	PAI134808	Yes	SP, IP	West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MONTOURSVILLE BORO	PAI134808	Yes	SP, IP	Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Susquehanna River	Appendix C-PCB (5)	
				Mill Creek	Appendix B-Pathogens (5)	
OLD LYCOMING TWP	PAI134808	Yes	SP, IP	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
<b>Lycoming County</b>						
SOUTH WILLIAMSPORT BORO	PAG134808	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	Cause Unknown (5), Other Habitat Alterations (4c)
				Hagermans Run		
				West Branch Susquehanna River	Appendix C-PCB (5)	
SUSQUEHANNA TWP		No		West Branch Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
UPPER FAIRFIELD TWP		No		West Branch Susquehanna River	Appendix C-PCB (5)	
				Mill Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WILLIAMSPORT CITY	PAI134808	Yes	SP, IP	Unnamed Tributaries to Lycoming Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				West Branch Susquehanna River	Appendix C-PCB (5)	
				Grafius Run		Cause Unknown (5), Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Daugherty Run		Flow Alterations (4c)
Unnamed Tributaries to West Branch Susquehanna River		Cause Unknown (5), Flow Alterations, Water/Flow Variability (4c)				
WOODWARD TWP	PAG134814*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				West Branch Susquehanna River	Appendix C-PCB (5)	

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Monroe County</b>						
DELAWARE WATER GAP BORO		No		Delaware River		Mercury (5)
EAST STROUDSBURG BORO		No		Delaware River		Mercury (5)
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Brodhead Creek	Appendix B-Pathogens (5)	
HAMILTON TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Lake Creek	Appendix B-Pathogens (5)	
				McMichael Creek	Appendix B-Pathogens (5)	
JACKSON TWP		Yes	SP		No known water quality impairments at this time. Must comply with all other permit requirements.	
MIDDLE SMITHFIELD TWP		Yes	SP	Bush Kill		Mercury (5)
				Delaware River		Mercury (5)
				Brodhead Creek	Appendix B-Pathogens (5)	
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
POCONO TWP		Yes	SP	Unnamed Tributaries to Brodhead Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Brodhead Creek	Appendix B-Pathogens (5)	
				McMichael Creek	Appendix B-Pathogens (5)	
PRICE TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
ROSS TWP		Yes	SP	Lake Creek	Appendix B-Pathogens (5)	
SMITHFIELD TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Sambo 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
<b>Monroe County</b>						
STROUD TWP		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Brodhead Creek	Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
				Sambo Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				McMichael Creek	Appendix B-Pathogens (5)	
				Little Pocono Creek	Appendix E-Siltation (5)	
				Delaware River		Mercury (5)
			Flagler Run	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c), Unknown Toxicity (5)	
STROUDSBURG BORO		Yes	SP	Brodhead Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				McMichael 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
<b>Montgomery County</b>						
ABINGTON TWP	PAG130012	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)
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Terwood Run	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)
				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)
				Robinhood Brook	Appendix E-Siltation (5)	Cause Unknown (5)
				Rockledge Branch	Appendix E-Siltation (5)	Cause Unknown (5)
				Frankford Creek	Appendix C-PCB (4a), Appendix E-Organic Enrichment/Low D.O. (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
AMBLER BORO	PAG130036	Yes	TMDL Plan	Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
BRIDGEPORT BORO		Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
BRYN ATHYN BORO	PAG130166	No		Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Huntingdon Valley Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Southampton Creek	Appendix E-Organic Enrichment/Low D.O. (4a)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Montgomery County</b>						
CHELTENHAM TWP	PAG130054	Yes	TMDL Plan	Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Mill Run		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Schuylkill River	Appendix C-PCB (4a)	
				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)
				Delaware River Tacony 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		Schuylkill River	Appendix C-PCB (4a)	
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
CONSHOHOCKEN BORO	PAG130013	Yes	TMDL Plan	Plymouth Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
DOUGLASS TWP	PAG130095	No		Swamp Creek	Appendix E-Siltation (5)	Cause Unknown (5)
				Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
EAST GREENVILLE BORO	PAG130156	No		Green Lane Reservoir	Appendix E-Organic Enrichment/Low D.O. (4a)	
EAST NORRITON TWP	PAG130032	No		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	West Branch Skippack Creek		Water/Flow Variability (4c)
				Indian Creek	Appendix E-Siltation (4a)	Cause Unknown, TDS (4a)
				Indian Creek TMDL	TMDL Plan-Nutrients (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Unnamed Tributaries to Skippack Creek West Branch Neshaminy Creek	Appendix E-Siltation (4a), Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c) 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
<b>Montgomery County</b>						
GREEN LANE BORO	PAG130165	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
HATBORO BORO	PAG130034	No		Unnamed Tributaries to Pennypack Creek	Appendix C-Priority Organics (5)	
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5)
HATFIELD BORO	PAG130052	No		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	Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				West Branch Neshaminy Creek	Appendix E-Excessive Algal Growth, Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				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)	
HORSHAM TWP	PAG130157	Yes	TMDL Plan	Unnamed Tributaries to West Branch Neshaminy Creek		Flow Alterations (4c)
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)
				Pennypack Creek	Appendix E-Siltation (5)	Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Warrington Lake	Appendix E-Nutrients (5)	Exotic Species (5)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
Trewellyn Creek	Appendix E-Nutrients (4a)	Water/Flow Variability (4c)				
JENKINTOWN BORO	PAG130149	No		Tacony Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Frankford Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Montgomery County</b>						
LANSDALE BORO	PAG130038	Yes	TMDL Plan	Neshaminy Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				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)
				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)	
			Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)	
LIMERICK TWP	PAG130148	Yes	TMDL Plan	Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
LOWER FREDERICK TWP	PAG130116	No		Perkiomen Creek	Appendix B-Pathogens (5)	
LOWER GWYNEDD TWP	PAG130072	Yes	TMDL Plan	Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Little Neshaminy Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Neshaminy Creek TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	
				Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (5)	Water/Flow Variability (4c)
				Trewellyn Creek	Appendix E-Nutrients (4a)	Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Willow Run		Water/Flow Variability (4c)
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
<b>Montgomery County</b>						
LOWER MERION TWP	PAG130064	Yes	TMDL Plan	Glanraffan Creek	Appendix E-Suspended Solids (4a)	
				West Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Trout Run	Appendix E-Nutrients, Siltation (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Meadowbrook Run	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)
				Gulley Run		Water/Flow Variability (4c)
				Finn Run	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				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)
				Ithan Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
Gulph Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)				
Mill Creek	Appendix E-Nutrients, Siltation (5)	Water/Flow Variability (4c)				
LOWER MORELAND TWP	PAG130027	Yes	TMDL Plan	Poquessing Creek	Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Huntingdon Valley Creek	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)
				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)
				Unnamed Tributaries to Southampton Creek	Appendix B-Pathogens (4a)	
LOWER POTTS GROVE TWP	PAG130073	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	

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

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Montgomery County</b>						
ROCKLEDGE BORO	PAG130152	No		Jenkintown Creek		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Frankford Creek	Appendix E-Organic Enrichment/Low D.O. (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)
				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)
ROYERSFORD BORO	PAG130023	Yes	TMDL Plan	Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
SALFORD TWP	PAI130002	Yes	SP, IP		No known water quality impairments at this time. Must comply with all other permit requirements.	
SCHWENKSVILLE BORO	PAG130167	No		Perkiomen Creek	Appendix B-Pathogens (5)	
SKIPPACK TWP	PAG130022	Yes	TMDL Plan	Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Unnamed Tributaries to Perkiomen Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Shady Brook Run	Appendix E-Excessive Algal Growth (5)	
Schuykill River	Appendix C-PCB (4a)					
SOUDERTON BORO	PAG130132	Yes	TMDL Plan	Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Indian Creek TMDL	TMDL Plan-Nutrients (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)
				Indian Creek	Appendix E-Siltation (4a)	Cause Unknown, TDS (4a)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
SPRINGFIELD TWP	PAG130078	Yes	TMDL Plan	Schuylkill River	Appendix C-PCB (4a)	
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Unnamed Tributaries to Schuykill River	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
<b>Montgomery County</b>						
TELFORD BORO	PAG130133	Yes	TMDL Plan	Indian Creek	Appendix E-Siltation (4a)	Cause Unknown, TDS (4a)
				Skippack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skippack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Indian Creek TMDL	TMDL Plan-Nutrients (4a), TMDL Plan-Nutrients (4a)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
TOWAMENCIN TWP	PAG130024	Yes	TMDL Plan	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)	
				Unnamed Tributaries to Skippack Creek		Water/Flow Variability (4c)
				Unnamed Tributaries to Towamencin Creek	Appendix E-Nutrients (5)	
TRAPPE BORO	PAG130110	No		Donny Brook	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Perkiomen Creek	Appendix B-Pathogens (5)	
				Schoolhouse Run	Appendix E-Siltation (5)	
				Schuylkill River	Appendix C-PCB (4a)	
UPPER DUBLIN TWP	PAG130075	Yes	TMDL Plan	Park Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Nutrients (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)
				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)
				Pine Run	Appendix B-Pathogens (4a), Appendix E-Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Sandy Run	Appendix B-Pathogens (4a), Appendix E-DO/BOD, Nutrients (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek		Other Habitat Alterations (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (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)	

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



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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Montgomery County</b>						
WORCESTER TWP	PAG130026	Yes	TMDL Plan	Zacharias Creek	Appendix B-Pathogens (5)	Flow Alterations (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Unnamed Tributaries to Towamencin Creek	Appendix E-Nutrients (5)	
				Towamencin Creek	Appendix E-Excessive Algal Growth (5)	Water/Flow Variability (4c)
				Skipack Creek Watershed TMDL	TMDL Plan-Siltation (4a)	
				Skipack Creek	Appendix E-Excessive Algal Growth, Nutrients (5)	
				Schuylkill River	Appendix C-PCB (4a)	
Stony Creek	Appendix E-Siltation (5)	Cause Unknown, Turbidity (5), Water/Flow Variability (4c)				
<b>Montour County</b>						
COOPER TWP		No		Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Montour Run	Appendix E-Siltation (4a)	
DANVILLE BORO		No		Blizzards Run		Other Habitat Alterations (4c)
				Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MAHONING TWP		No		Blizzards Run		Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Sechler Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
VALLEY TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Mahoning Creek	Appendix E-Siltation (5)	
				Mausers Creek	Appendix E-Siltation (5)	
				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
<b>Northampton County</b>						
ALLEN TWP	PAI132250	Yes	IP	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)	
				Dry Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Catasauqua Creek	Appendix E-Siltation (5)	
BANGOR BORO	PAG132249	No		Unnamed Tributaries to Martins Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
BATH BORO	PAI132215	Yes	SP, IP	East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
BETHLEHEM CITY	PAI132210	Yes	SP, IP	Saucon Creek	Appendix E-Siltation (5)	
				East Branch Saucon Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Lehigh Coal And Navigation Canal	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to East Branch Saucon Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				Nancy Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
BETHLEHEM TWP	PAI132214	Yes	SP, IP	Nancy Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Delaware River		Mercury (5)
BUSHKILL TWP	PAI132219	Yes	SP, IP	Bushkill Creek	Appendix B-Pathogens (5)	
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
CHAPMAN BORO	PAI132257*	Yes	SP, W-I	Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
EAST ALLEN TWP	PAI132212	Yes	SP, IP	Catasauqua Creek	Appendix E-Siltation (5)	
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				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)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment		
<b>Northampton County</b>								
EAST BANGOR BORO	PAG132294*	No		Unnamed Tributaries to Martins Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)		
EASTON CITY	PAI132216	Yes	SP, IP	Delaware River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	Mercury (5)		
				Lehigh River				
FORKS TWP	PAI132237	Yes	SP, IP	Delaware River	Appendix E-Siltation (5)	Mercury (5)		
				Unnamed Tributaries to Delaware River		Water/Flow Variability (4c)		
				Bushkill Creek		Appendix B-Pathogens (5)		
FREEMANSBURG BORO	PAI132207	Yes	IP	Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)			
GLENDON BORO	PAG132298*	No		Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	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	IP	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)			
				Silver Creek	Appendix E-Siltation (5)			
LEHIGH TWP	PAG132239	No		Lehigh River	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)			
				Hokendauqua Creek			Appendix E-Siltation, Suspended Solids (5)	
LOWER MT BETHEL TWP	PAG132255*	Yes	SP	Delaware River		Mercury (5)		
LOWER NAZARETH TWP	PAI132228	Yes	SP, IP	Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	Mercury (5)		
				Delaware River				
				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)
	East Branch Monocacy 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
<b>Northampton County</b>						
LOWER SAUCON TWP	PAI132227	Yes	IP	Delaware River		Mercury (5)
				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)	
				Polk Valley Run	Appendix E-Siltation (5)	
				Saucon Creek	Appendix E-Siltation (5)	
				Silver Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to East Branch Saucon Creek		Other Habitat Alterations, Water/Flow Variability (4c)
MOORE TWP	PAI132202	Yes	SP, IP	Hokendauqua Creek	Appendix E-Siltation, Suspended Solids (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
NAZARETH BORO	PAG132261	No		Bushkill Creek	Appendix B-Pathogens (5)	
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
NORTH CATASAUQUA BORO	PAG132240	No		Lehigh River	Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Catasauqua Creek	Appendix E-Siltation (5)	
NORTHAMPTON BORO	PAG132237	No		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	Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Delaware River		Mercury (5)
				Bushkill Creek	Appendix B-Pathogens (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
<b>Northampton County</b>						
PLAINFIELD TWP	PAI132220	Yes	SP, IP	Little Bushkill Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
				Unnamed Tributaries to Little Bushkill Creek	Appendix E-Siltation (5)	
				Waltz Creek	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
				Bushkill Creek	Appendix B-Pathogens (5)	
ROSETO BORO	PAG132304	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
STOCKERTOWN BORO	PAI132253*	Yes	SP, W-I	Delaware River		Mercury (5)
				Little Bushkill Creek	Appendix B-Pathogens (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
TATAMY BORO	PAI132252*	Yes	SP, W-I	Bushkill Creek	Appendix B-Pathogens (5)	
				Delaware River		Mercury (5)
UPPER MT BETHEL TWP	PAG132303	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
UPPER NAZARETH TWP	PAI132234	Yes	SP, IP	Shoeneck Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Monocacy Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				East Branch Monocacy Creek	Appendix E-Siltation (5)	
				Bushkill Creek	Appendix B-Pathogens (5)	
WALNUTPORT BORO	PAG132238	No		Lehigh River	Appendix A-Metals (5)	
WASHINGTON TWP	PAI132247	Yes	SP, IP	Delaware River		Mercury (5)
				Unnamed Tributaries to Martins Creek	Appendix E-Siltation (5)	Flow Alterations, Other Habitat Alterations (4c)
				Waltz Creek	Appendix E-Siltation (4a)	Other Habitat Alterations, Water/Flow Variability (4c)
WEST EASTON BORO	PAG132236	No		Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Delaware River		Mercury (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
<b>Northampton County</b>						
WILSON BORO	PAI132230	Yes	SP, IP	Lehigh River	Appendix C-PCB (5), Appendix E-Organic Enrichment/Low D.O., Siltation, Suspended Solids (5)	
				Delaware 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)	
<b>Northumberland County</b>						
RIVERSIDE BORO		No		Susquehanna River	Appendix C-PCB (4a)	Mercury (5)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
<b>Perry County</b>						
MARYSVILLE BORO	PAG133690*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
PENN TWP	PAG133696*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
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
<b>Philadelphia County</b>						
PHILADELPHIA CITY		Yes	TMDL Plan	Cobbs Creek	Appendix B-Pathogens (5), Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Black Lake Run	Appendix E-Siltation (5)	Cause Unknown (5)
				East Branch 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)
				Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Mill Run		Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Pennypack Creek	Appendix B-Pathogens (4a), Appendix C-Priority Organics (4a), Appendix E-Organic Enrichment/Low D.O. (4a), Appendix E-Siltation (5)	Cause Unknown (5)
				Poquessing Creek	Appendix C-PCB (5), Appendix E-Excessive Algal Growth (5)	Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Byberry Creek	Appendix E-Excessive Algal Growth (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)
				Cresheim Creek		Water/Flow Variability (4c)
				Sandy Run		Cause Unknown (5), Flow Alterations, Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon TMDL	TMDL Plan-Siltation, Suspended Solids (4a)	Cause Unknown (4a)
				Unnamed Tributaries to Schuylkill River	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Wissahickon Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Other Habitat Alterations (4c)
				Walton Run	Appendix E-Siltation (5)	Cause Unknown (5)
				West Branch Indian Creek	Appendix C-PCB (5), Appendix E-Siltation (5)	Cause Unknown (5), Other Habitat Alterations, Water/Flow Variability (4c)
				Wissahickon Creek	Appendix E-Nutrients (4a), Appendix B-Pathogens (5)	Water/Flow Variability (4c)
				Schuylkill River PCB TMDL	Appendix C-PCB (4a)	
				Wooden Bridge Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Darby Creek	Appendix C-PCB (5)	
				Delaware River	Appendix C-PCB (4a)	



MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Schuylkill County</b>						
KLINE TWP	PAI132251	Yes	IP	Catawissa Creek	Appendix A-Metals (4a)	
				Hunkydory Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MCADOO BORO	PAG132285	No		Hunkydory Creek	Appendix A-Metals (4a)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Catawissa 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)	
POTTSVILLE CITY	PAG132276	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
<b>Somerset County</b>						
CONEMAUGH TWP	PAG136345	Yes	TMDL Plan, SP	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
PAINT BORO	PAG136119	Yes	TMDL Plan	Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Paint Creek	Appendix A-Metals, pH (4a)	
PAINT TWP	PAG136352	Yes	TMDL Plan	Stonycreek River		Cause Unknown (5), Other Habitat Alterations (4c)
				Seese Run	Appendix B-Pathogens (5), Appendix E-Siltation (5)	Turbidity (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Paint Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
WINDBER BORO	PAG136340	Yes	TMDL Plan	Weaver Run	Appendix A-Metals, pH (4a)	
				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)
				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
<b>Susquehanna County</b>						
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*	Yes	W-I	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
<b>Washington County</b>						
ALLENPORT BORO	PAG136111*	No		Monongahela River	Appendix C-PCB (4a)	
AMWELL TWP	PAG136206*	No		Chartiers Creek	Appendix A-Metals (4a), Appendix C-Pesticides (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Little Tenmile Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Bane Creek	Appendix E-Siltation (5)	
BENTLEYVILLE BORO	PAG136337	No		Pigeon Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
CALIFORNIA BORO		No		Monongahela River	Appendix C-PCB (4a)	
CANONSBURG BORO	PAG136103	No		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)
				Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
CANTON TWP	PAG136210	Yes	SP	Catfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
				Georges Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Unnamed Tributaries to Buffalo Creek	Appendix E-Nutrients, Siltation (5)	
CARROLL TWP	PAG136211	No		Monongahela River	Appendix C-PCB (4a)	
				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)	
CECIL TWP	PAG136202	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)	TDS, Turbidity (5)
				Millers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	Cause Unknown, TDS, Turbidity (5)
				Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
				Coal Run	Appendix E-Nutrients, Siltation (5)	
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (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
<b>Washington County</b>						
CENTERVILLE BORO		No		Twomile Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Monongahela River	Appendix C-PCB (4a)	
CHARLEROI BORO	PAG136102	No		Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)	
				Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
CHARTIERS TWP	PAG136212	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)	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)
				Georges Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c), Turbidity (4a)
COAL CENTER BORO		No		Monongahela River	Appendix C-PCB (4a)	
DONORA BORO	PAG136256	No		Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
DUNLEVY BORO	PAG136132*	No		Monongahela River	Appendix C-PCB (4a)	
EAST WASHINGTON BORO	PAG136364	No		Catfish Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	Turbidity (5)
				Chartiers Creek	Appendix A-Metals (4a), Appendix C-PCB (4a), Appendix E-Suspended Solids (4a), Appendix B-Pathogens (5), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
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
<b>Washington County</b>						
FALLOWFIELD TWP	PAG136105	No		Monongahela River	Appendix C-PCB (4a)	
				Pigeon Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5), Appendix E-Siltation (5)	
				Maple Creek	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Water/Flow Variability (4c)
FINLEYVILLE BORO	PAG136347*	No		Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
HANOVER TWP	PAG136265	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
HOUSTON BORO	PAG136213	No		Unnamed Tributaries to Chartiers Creek		Other Habitat Alterations (4c)
				Plum Run	Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (4a)	Other Habitat Alterations (4c)
				Chartiers 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)
				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		Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O. (5)	Cause Unknown (5)
				Robb Run	Appendix A-Metals (4a)	
MIDWAY BORO		No		Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
MONONGAHELA CITY	PAG136129	No		Monongahela River	Appendix C-PCB (4a)	
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5)	
MOUNT PLEASANT TWP		No		Millers Run	Appendix A-Metals (4a), Appendix E-Suspended Solids (4a), Appendix E-Nutrients, Siltation (5)	Cause Unknown, TDS, Turbidity (5)
				Robinson Run	Appendix A-Metals (4a), Appendix E-Nutrients, Organic Enrichment/Low D.O., Siltation (5)	
NEW EAGLE BORO	PAG136262	No		Monongahela River	Appendix C-PCB (4a)	

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

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Washington County</b>						
UNION TWP	PAI136131	Yes	SP, IP	Monongahela River	Appendix C-PCB (4a)	
				Peters Creek	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Piney Fork	Appendix A-Metals (4a), Appendix B-Pathogens (5), Appendix E-Nutrients (5)	Cause Unknown (5)
				Unnamed Tributaries to Monongahela River	Appendix A-Metals (5), Appendix E-Siltation (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)
<b>Wayne County</b>						
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
<b>Westmoreland County</b>						
ADAMSBURG BORO	PAG136302*	No		Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
ALLEGHENY TWP	PAG136277	Yes	TMDL Plan	Pine Run	Appendix E-Siltation (4a)	
				Unnamed Tributaries to Kiskiminetas River	Appendix E-Siltation (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Kiskiminetas River	Appendix E-Suspended Solids (4a)	
ARNOLD CITY	PAG136326	No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
ARONA BORO	PAG136258	No		Little Sewickley Creek	Appendix E-Siltation (5)	
				Unnamed Tributaries to Little Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
DELMONT BORO	PAI136125	Yes	TMDL Plan, SP, IP	Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Turtle Creek	Appendix A-Metals (4a), Appendix E-Suspended Solids (5)	Other Habitat Alterations (4c)
				Beaver Run Reservoir		Mercury (Lakes) (5)
				Beaver Run	Appendix E-Siltation (4a), Appendix E-Nutrients (5)	
DERRY BORO	PAG136328	Yes	TMDL Plan	Unnamed Tributaries to Turtle Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
DERRY BORO	PAG136328	Yes	TMDL Plan	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	TMDL Plan, IP	Saxman Run	Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients (5)	
				Union Run	Appendix E-Suspended Solids (4a)	
				Trout Run	Appendix E-Organic Enrichment/Low D.O. (5)	
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Conemaugh River	Appendix E-Suspended Solids (4a)	
	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
<b>Westmoreland County</b>						
EAST HUNTINGDON TWP	PAG136134	No		Unnamed Tributaries to Jacobs Creek	Appendix A-Metals, pH (5)	
				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)
				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	No		Unnamed Tributaries to Coal Tar Run		Other Habitat Alterations (4c)
				Coal Tar Run	Appendix A-Metals (4a)	Cause Unknown (5)
				Zellers Run	Appendix A-Metals (4a)	
				Unnamed Tributaries to Jacks Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Sewickley Creek	Appendix A-Metals, pH (4a)	
HEMPFIELD TWP	PAG136331	Yes	TMDL Plan	Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Little Crabtree Creek	Appendix E-Siltation (4a)	Cause Unknown (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Little Sewickley Creek	Appendix E-Siltation (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Loyalhanna Creek	Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
				Unnamed Tributaries to Jacks Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Coal Tar Run	Appendix A-Metals (4a)	Cause Unknown (5)
				Unnamed Tributaries to Little Crabtree Creek	Appendix E-Suspended Solids (4a), Appendix E-Organic Enrichment/Low D.O. (5)	
				Crabtree Creek	Appendix E-Siltation, Suspended Solids (4a), Appendix E-Nutrients (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Unnamed Tributaries to Little Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	Water/Flow Variability (4c)
				Zellers Run	Appendix A-Metals (4a)	
				Wilson Run	Appendix A-Metals (4a)	
				Sewickley Creek	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	
<b>Westmoreland County</b>							
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		Turtle Creek	Appendix A-Metals, pH (4a)		
				Tinkers Run	Appendix E-Siltation (5)		
				Coal Run	Appendix E-Siltation (5)		
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)		
JEANNETTE CITY	PAG136299	No		Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)		
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)		
LATROBE BORO	PAG136329	Yes	TMDL Plan	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)		
				Bushy Run	Appendix E-Siltation (5)		
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)		
MONESSEN CITY	PAG136283	No		Monongahela River	Appendix C-PCB (4a)		
				Unnamed Tributaries to Monongahela River	Appendix E-Siltation (5)		
				Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)		
MOUNT PLEASANT BORO	PAG136179	No		Unnamed Tributaries to Jacobs Creek	Appendix A-Metals (5)		
				Shupe Run	Appendix A-Metals (5), Appendix E-Siltation (5)		
				Jacobs Creek	Appendix E-Siltation (5)		Other Habitat Alterations (4c)

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Westmoreland County</b>						
MOUNT PLEASANT TWP	PAI136127	Yes	SP, IP	Brinker Run	Appendix A-Metals (4a)	
				Boyer Run	Appendix A-Metals (4a)	
				Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Shupe Run	Appendix A-Metals (5), Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Unnamed Tributaries to Jacobs Creek	Appendix A-Metals (5)	
				Welty Run	Appendix A-pH (4a)	
MURRYSVILLE BORO	PAI136109	Yes	SP, IP	Little Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients (5)	Oil and Grease (5)
				Haymakers Run	Appendix E-Siltation (5)	Exotic Species (5)
				Plum Creek	Appendix A-Metals (4a), Appendix E-Nutrients, Siltation (5)	Oil and Grease (5)
				Pucketa Creek	Appendix E-Siltation (5)	
				Steels Run	Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Turtle Creek	Appendix A-pH (4a), Appendix E-Siltation (5)	
NEW KENSINGTON CITY	PAG136290	No		Pucketa Creek	Appendix E-Siltation (5)	
				Allegheny River	Appendix C-Chlordane, PCB (4a)	
NEW STANTON BORO	PAG136227	No		Unnamed Tributaries to Sewickley Creek	Appendix E-Nutrients (5)	
				Wilson Run	Appendix A-Metals (4a)	
				Sewickley Creek	Appendix A-Metals, pH (4a)	
NORTH BELLE VERNON BORO		No		Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
				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
<b>Westmoreland County</b>						
NORTH HUNTINGDON TWP	PAI136105	Yes	SP, IP	Bushy Run	Appendix E-Siltation (5)	
				Unnamed Tributaries to Brush Creek		Exotic Species (5), Other Habitat Alterations (4c)
				Unnamed Tributaries to Long 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)	
				Tinkers Run	Appendix E-Siltation (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Unnamed Tributaries to Little Sewickley Creek	Appendix A-Metals (4a)	
				Coal Run	Appendix E-Siltation (5)	
				Crawford Run	Appendix A-Metals (5)	
				Long Run	Appendix E-Siltation (5)	Cause Unknown (5)
NORTH IRWIN BORO	PAG136193*	No		Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Coal Run	Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a)	
OKLAHOMA BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
				Unnamed Tributaries to Beaver Run	Appendix E-Siltation (4a)	
				Beaver Run	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
PENN BORO	PAG136318*	No		Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
PENN TWP	PAG136116	No		Unnamed Tributaries to Brush Creek	Appendix E-Nutrients (5)	
				Brush Creek	Appendix A-Metals, pH (4a), Appendix E-Siltation (5)	
				Coal Run	Appendix E-Siltation (5)	
				Turtle Creek	Appendix A-Metals, pH (4a), Appendix E-Nutrients, Siltation, Suspended Solids (5)	Other Habitat Alterations (4c)
				Bushy Run	Appendix E-Siltation (5)	
				Lyons Run	Appendix E-Siltation (5)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
Byers 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
<b>Westmoreland County</b>						
ROSTRAVER TWP	PAG136252	No		Monongahela River	Appendix C-PCB (4a)	
				Cedar Creek	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Cause Unknown (5)
				Pollock Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
				Unnamed Tributaries to Monongahela River	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	
				Speers Run	Appendix A-Metals, pH (5), Appendix E-Siltation (5)	
SALEM TWP	PAI136123	Yes	TMDL Plan, 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)	
SCOTTDAL BORO	PAG136135	No		Unnamed Tributaries to Stauffer Run	Appendix E-Siltation (5)	
				Stauffer Run	Appendix A-Metals, pH (4a)	
				Jacobs Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)
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	Zellers Run	Appendix A-Metals (4a)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
				Sewickley Creek	Appendix A-Metals, pH (4a)	
SUTERSVILLE BORO	PAG136315	No			No known water quality impairments at this time. Must comply with all other permit requirements.	
TRAFFORD BORO	PAG136198	No		Monongahela River	Appendix C-PCB (4a), Appendix B-Pathogens (5)	
				Brush Creek	Appendix E-Siltation (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
<b>Westmoreland County</b>						
UNITY TWP	PAI136135	Yes	TMDL Plan, SP, IP	Monastery Run	Appendix E-Suspended Solids (4a)	
				Ninemile Run		Cause Unknown, Thermal Modifications (5)
				Unnamed Tributaries to Sewickley Creek	Appendix E-Organic Enrichment/Low D.O. (5)	
				Unity Run	Appendix E-Suspended Solids (4a)	
				Little Crabtree Creek	Appendix E-Siltation (4a)	Cause Unknown (5)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Sewickley Creek	Appendix A-Metals, pH (4a), Appendix B-Pathogens (5), Appendix E-Siltation (5)	
				Fourmile Run	Appendix E-Suspended Solids (4a)	
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Crabtree Creek	Appendix E-Suspended Solids (4a)	
Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)					
UPPER BURRELL TWP		No		Allegheny River	Appendix C-Chlordane, PCB (4a)	
				Pucketa Creek	Appendix E-Siltation (5)	
VANDERGRIFT BORO		No		Kiskiminetas River	Appendix A-Metals, pH (4a), Appendix E-Suspended Solids (4a)	
WASHINGTON TWP	PAG136181	Yes	TMDL Plan, SP	Pucketa Creek	Appendix E-Siltation (5)	
				Thorn Run	Appendix E-Siltation (4a)	
				Kiskiminetas River	Appendix E-Suspended Solids (4a)	
				Pine Run	Appendix E-Siltation (4a)	
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	
				Beaver Run	Appendix E-Suspended Solids (4a)	
				Beaver Run Reservoir		Mercury (Lakes) (5)
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*	Yes	TMDL Plan	Ninemile Run		Cause Unknown, Thermal Modifications (5)
				Loyalhanna Creek	Appendix E-Siltation, Suspended Solids (4a)	Flow Alterations (4c)
				Kiskiminetas-Conemaugh River Watersheds TMDL	Appendix A-Metals, pH (4a)	

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>Westmoreland County</b>						
YOUNGWOOD BORO	PAG136145	No		Sewickley Creek	Appendix A-Metals, pH (4a)	
				Jacks Run	Appendix A-Metals (4a), Appendix B-Pathogens (5)	
<b>Wyoming County</b>						
FACTORYVILLE BORO	PAG132241	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Tunkhannock Creek		Mercury (5)
				South Branch Tunkhannock 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
<b>York County</b>						
CARROLL TWP	PAG133548	No		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)	
				Stony Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Flow Alterations (4c)
				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		Unnamed Tributaries to Little Conewago Creek		Water/Flow Variability (4c)
				Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DALLASTOWN BORO	PAG133676	No		South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Barshinger Creek	Appendix E-Siltation (5)	Flow Alterations (4c)
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
DILLSBURG BORO	PAG133560	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Stony Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				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		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Honey Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Little Conewago Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
EAST MANCHESTER TWP	PAG133601	No		Musser Run	Appendix E-Suspended Solids (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Excessive Algal Growth (5)	Unknown Toxicity (5), Water/Flow Variability (4c)
				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
<b>York County</b>						
FAIRVIEW TWP	PAG133557	No		Big Spring Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
				Yellow Breeches Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Fishing Creek	Appendix E-Siltation (5)	Flow Alterations, Water/Flow Variability (4c)
				Marsh Run	Appendix E-Siltation (5)	Cause Unknown (5)
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Fishing Creek	Appendix E-Nutrients (5)	Other Habitat Alterations (4c)
Unnamed Tributaries to Yellow Breeches Creek	Appendix E-Siltation (5)	Other Habitat Alterations (4c)				
FELTON BORO		No		Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
FRANKLIN TWP	PAG133570*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				North Branch Bermudian Creek	Appendix B-Pathogens (5), Appendix E-Nutrients, Siltation (5)	
				Dogwood Run	Appendix B-Pathogens (5), Appendix E-Organic Enrichment/Low D.O., Suspended Solids (5)	
FRANKLINTOWN BORO	PAG133691*	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				North Branch Bermudian Creek	Appendix B-Pathogens (5)	
				Unnamed Tributaries to North Branch Bermudian Creek	Appendix E-Nutrients, Siltation (5)	
GOLDSBORO BORO	PAG133665*	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
HALLAM BORO	PAG133654	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Susquehanna River	Appendix C-PCB (5)	
HANOVER BORO		No		Plum Creek	Appendix E-Siltation (5)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to South Branch Conewago Creek		Other Habitat Alterations, Water/Flow Variability (4c)
HEIDELBERG TWP		Yes	SP	Oil Creek	Appendix E-Nutrients, Siltation (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	

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

MS4 Name	NPDES ID	Individual Permit Required?	Reason	Impaired Downstream Waters or Applicable TMDL Name	Requirement(s)	Other Cause(s) of Impairment
<b>York County</b>						
MONAGHAN TWP	PAG133562	No		Stony Run	Appendix E-Siltation (5)	Flow Alterations (4c)
				Fishers Run	Appendix E-Organic Enrichment/Low D.O., Siltation (5)	Other Habitat Alterations (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
MOUNT WOLF BORO	PAG133675	No		Susquehanna River	Appendix C-PCB (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NEW SALEM BORO	PAG133687*	No		Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
NEWBERRY TWP	PAG133561	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Unnamed Tributaries to Fishing Creek	Appendix E-Nutrients, Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
				Bennett Run	Appendix E-Siltation (5)	
				Susquehanna River	Appendix C-PCB (5)	
				Big Spring Run	Appendix E-Siltation (5)	Other Habitat Alterations (4c), Unknown Toxicity (5)
NORTH CODORUS TWP	PAG133620*	No		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)	
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		Plum Creek	Appendix E-Siltation (5)	
				Gitts Run	Appendix E-Siltation (5)	
				Oil Creek	Appendix E-Siltation (4a), Appendix E-Nutrients, Siltation (5)	
				Unnamed Tributaries to South Branch Conewago Creek		Other Habitat Alterations, Water/Flow Variability (4c)
				South Branch Conewago Creek	Appendix E-Siltation (5)	
				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
<b>York County</b>						
RED LION BORO	PAG133651	No		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)	
				Pine Run	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
SPRING GARDEN TWP	PAG133576	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)	
				Mill Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Unnamed Tributaries to Codorus Creek		Flow Alterations (4c)
SPRING GROVE BORO		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
SPRINGETTSBURY TWP	PAG133594	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)
				Susquehanna River	Appendix C-PCB (5)	
				Unnamed Tributaries to Kreutz Creek	Appendix E-Siltation (5)	
SPRINGFIELD TWP	PAG133652	No		Codorus Creek	Appendix E-Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c)
				East Branch Codorus Creek	Appendix B-Pathogens (5)	
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Codorus Creek	Appendix E-Nutrients, Suspended Solids (4a)	
WEST MANCHESTER TWP	PAG133655	No		Honey Run	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)
				Willis Run		Other Habitat Alterations, Water/Flow Variability (4c)
				Little Conewago Creek	Appendix E-Siltation (5)	Water/Flow Variability (4c)
				Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
WEST MANHEIM TWP		No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				South Branch Conewago Creek	Appendix E-Siltation (5)	
WEST YORK BORO	PAG133649	No		Chesapeake Bay Nutrients/Sediment	Appendix D-Nutrients, Siltation (4a)	
				Codorus Creek	Appendix E-Excessive Algal Growth, Siltation (5)	Other Habitat Alterations, Water/Flow Variability (4c), Unknown Toxicity (5)

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