

Stream	Point sources			Stormwater dischargers ^a			MS4s		
	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^b	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^b	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^b
Roanoke River ^e	78,305.9	1,926.7	97.5	82,724.2	5.1	100.0	0.0	0.0	0.0
Lower Total	78,305.9	1,926.7	97.5	388,012.2	7.5	100.0	11.7	0.1	99.3

a. Stormwater loads were assigned to streams based on the spatial orientation of the permitted area within the subbasin network

b. WLA percent reductions differ from TMDL percent reductions because they do not include an MOS load

c. 2008 303(d) segment L12L-01-PCB

d. 2008 303(d) segment L26R-01-PCB

e. 2008 303(d) segment L19R-01-PCB

Table 6-4. Point source tPCBs WLAs

Stream	NPDES ID	Facility	Pipe	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^a
Upper Roanoke River						
North Fork Roanoke River	VA0027481	Blacksburg Country Club	1	10.7	17.8	-66.3
North Fork Roanoke River Total				10.7	17.8	-66.3
South Fork Roanoke River	VA0062219	Montgomery County PSA - Elliston Lafayette WWTP	1	38.5	127.0	-229.6
South Fork Roanoke River	VA0024031	Montgomery County PSA - Shawsville STP	1	29.9	101.6	-239.6
South Fork Roanoke River Total				68.4	228.6	-234.0
Peters Creek	VA0001589	Steel Dynamics	5	90.7	50.8	44.0
Peters Creek Total^b				90.7	50.8	44.0
Roanoke River	VA0025020	WVWA Roanoke Regional Water Pollution Control Plant	1	17,491.1	27,934.4	-59.7
Roanoke River	VA0001597	Norfolk Southern Railway Co - Shaffers Crossing	2	4.8	35.6	-642.0
Roanoke River Total^b				17,495.9	27,969.9	-59.9
Upper Total				17,665.8	28,267.1	-60.0
Lower Roanoke (Staunton) River						
Roanoke River	VA0083097	Old Dominion Clover Power Station	1	197.4	319.3	-61.8
Roanoke River	VA0022241	Brookneal Town - Staunton River Lagoon	1	8.2	14.4	-74.2
Roanoke River	VA0001538	Dan River, Inc- Brookneal	1	474.8	244.1	48.6
Roanoke River	VA0083402	Old Dominion Altavista Power Station	1	22.7	21.5	5.0
Roanoke River	VA0020451	Town of Altavista-STP	1	21,311.1	662.6	96.9
Roanoke River	VA0083399	Old Dominion Pittsylvania Power Station	1	21.3	35.3	-66.0
Roanoke River	VA0001678	ITG Burlington Ind. LLC Hurt Plant	1	56,270.5	629.5	98.9
Roanoke River Total^c				78,305.9	1,926.7	97.5
Lower Total				78,305.9	1,926.7	97.5

a. WLA percent reductions differ from TMDL percent reductions because they do not include an MOS load

b. 2008 303(d) segment L12L-01-PCB

c. 2008 303(d) segment L19R-01-PCB

Table 6-5. Permitted stormwater dischargers tPCBs WLAs^a

Stream	NPDES ID ^b	Stormwater discharger	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^c
Upper Roanoke River					
North Fork Roanoke River	VAR050204	Wolverine Advanced Materials	12.70	0.12	99.050
North Fork Roanoke River	VAR051352	MRSWA Solid Waste Transfer Station MRF	54.91	0.52	99.050

Stream	NPDES ID ^b	Stormwater discharger	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^c
North Fork Roanoke River	VAR050251	Federal Mogul Corp - Blacksburg	30.12	0.29	99.050
North Fork Roanoke River	VAR050340	Wolverine Advanced Materials - Blacksburg	7.78	0.07	99.050
North Fork Roanoke River Total			105.50	1.00	99.050
Masons Creek	VAR050174	Carbone of America Corporation	4.09	0.04	99.050
Masons Creek	VAR050762	Novozymes Biologicals, Inc.	1.76	0.02	99.050
Masons Creek Total			5.85	0.06	99.050
Peters Creek	VA0001589	Steel Dynamics	1.44	0.01	99.050
Peters Creek Total^d			1.44	0.01	99.050
Tinker Creek	VAR050027	Auto Salvage and Sales Incorporated	0.78	0.01	99.050
Tinker Creek	VAR050275	Old Dominion Auto Salvage	3.12	0.03	99.050
Tinker Creek	VAR050436	Norfolk Southern Corp - Roadway Material Yard	0.68	0.01	99.050
Tinker Creek	VAR050520	O'Neal Steel Inc	16.12	0.15	99.050
Tinker Creek	VAR050530	Shenandoah Auto Parts	0.88	0.01	99.050
Tinker Creek	VAR050747	Parts Unlimited	3.43	0.03	99.050
Tinker Creek	VAR051262	Shorewood Packaging Corporation - Roanoke	2.18	0.02	99.050
Tinker Creek	VAR051315	A D Weddle Company Inc	4.04	0.04	99.050
Tinker Creek	VAR051460	Dynax America Corp USA	6.74	0.06	99.050
Tinker Creek	VAR051478	Precision Steel	2.07	0.02	99.050
Tinker Creek	VAR051492	Virginia Transformer Corp	4.49	0.04	99.050
Tinker Creek	VAR051518	East End Shops	41.49	0.39	99.050
Tinker Creek	VAR051570	Altec Industries Inc	13.60	0.13	99.050
Tinker Creek	VAR520005	Vishay Vitramon Inc	15.19	0.14	99.050
Tinker Creek	VAR520156	Freightcar America	12.40	0.12	99.050
Tinker Creek		Advanced Metal Finishing	0.42	0.00	99.050
Tinker Creek		NSW	3.75	0.04	99.050
Tinker Creek		Packaging Corp. of America	3.11	0.03	99.050
Tinker Creek		The Roanoke Times	1.15	0.01	99.050
Tinker Creek Total^d			135.62	1.29	99.050
Roanoke River	VAR050135	Virginia Scrap Iron & Metal Company Inc	4,896.27	0.23	99.995
Roanoke River	VAR050150	Graham White Manufacturing Company	19.75	0.19	99.050
Roanoke River	VAR050176	John W Hancock Jr LLC dba New Millennium Bldg Syst	1.75	0.02	99.050
Roanoke River	VAR050208	Walker Machine and Foundry Corp	6.82	0.06	99.050
Roanoke River	VAR050273	Ralph Smith Inc	2.77	0.03	99.050
Roanoke River	VAR050515	Yokohama Tire Corp	50.20	0.48	99.050
Roanoke River	VAR050522	Progress Rail Services Corp - Roanoke RR Donnelley and Sons Company - Roanoke	6.08	0.06	99.050
Roanoke River	VAR050526	Cycle Systems Incorporated	94.87	0.90	99.050
Roanoke River	VAR050717	Medeco Security Locks Inc	3.97	0.04	99.050
Roanoke River	VAR050741	Star City Auto Parts Inc	17.64	0.17	99.050
Roanoke River	VAR050775	Hancock Rack Syst dba New Millenium Building Syst	0.49	0.00	99.050
Roanoke River	VAR520200	Accellent Cardiology, Inc.-Main Bldg	3.14	0.03	99.050
Roanoke River		Accellent Cardiology, Inc.-West Bldg	4.52	0.04	99.050
Roanoke River		Allied Tool & Machine Co., of Virginia	3.31	0.03	99.050
Roanoke River		Fabricated Metals Ind., Inc.	0.61	0.01	99.050
Roanoke River		Packaging Corp. of America	2.89	0.03	99.050
Roanoke River		Packaging Corp. of America	1,415.49	0.19	99.987

Stream	NPDES ID ^b	Stormwater discharger	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^c
Roanoke River		Patterson Avenue CDD Landfill - Norfolk Southern Railway	14.44	0.14	99.050
Roanoke River		Roanoke Regional Landfill	0.53	0.01	99.050
Roanoke River		Sanitary Landfill at Mowles Spring Park (closed)	10.70	0.10	99.050
Roanoke River	VA0001589	Steel Dynamics	6.84	0.07	99.050
Roanoke River		Tecton Products, Roanoke VA	15.06	0.14	99.050
Roanoke River		Wise Recycling, LLC	0.86	0.01	99.050
Roanoke River Total^d			6,578.99	2.95	99.955
Upper Total			6,827.41	5.31	99.922
Lower Roanoke (Staunton) River					
Sycamore Creek	VA0001678	Burlington Industries - Hurt	92,387.54	1.40	99.998
Sycamore Creek Total			92,387.54	1.40	99.998
Lynch Creek	VAR051341	Graham Packaging Plastic Products, Inc.	8.22	0.06	99.326
Lynch Creek Total			8.22	0.06	99.326
Reed Creek	VA0083399	Old Dominion Pittsylvania Power Station	1.82	0.01	99.326
Reed Creek Total			1.82	0.01	99.326
X-trib		BGF Industries	208,892.36	0.12	100.000
X-trib Total			208,892.36	0.12	100.000
Unnamed Trib to Roanoke River	VAR050529	Schrader Bridgeport	3,885.88	0.06	99.999
Unnamed Trib to Roanoke River Total			3,885.88	0.06	99.999
Black Walnut Creek	VA0083097	Old Dominion Clover Power Station	112.13	0.76	99.326
Black Walnut Creek Total			112.13	0.76	99.326
Roanoke River	VAR050525	Abbott Labs	15.37	0.10	99.325
Roanoke River		BGF Industries	81,933.90	0.05	100.000
Roanoke River	VA0083402	Old Dominion Altavista Power Station	7.66	0.05	99.325
Roanoke River	VA0083097	Old Dominion Clover Power Station	725.61	4.89	99.326
Roanoke River	VA0083399	Old Dominion Pittsylvania Power Station	3.21	0.02	99.325
Roanoke River	VAR050529	Schrader Bridgeport	38.47	0.00	99.999
Roanoke River Total^e			82,724.24	5.12	99.994
Lower Total			388,012.19	7.51	99.998

- a. Stormwater loads were assigned to streams based on the spatial orientation of the permitted area within the subbasin network
b. General stormwater permit NPDES IDs were not available for no-exposure sites and other select facilities
c. WLA percent reductions differ from TMDL percent reductions because they do not include an MOS load
d. 2008 303(d) segment L12L-01-PCB
e. 2008 303(d) segment L19R-01-PCB

Table 6-6. MS4 tPCBs WLAs

Stream	MS4	Baseline (mg/yr)	WLA (mg/yr)	% Reduction ^a
Upper Roanoke River				
North Fork Roanoke River	Blacksburg	823.7	7.8	99.050
North Fork Roanoke River	Christianburg	166.8	1.6	99.050
North Fork Roanoke River Total		990.5	9.4	99.050
South Fork Roanoke River	Christianburg	177.4	1.7	99.050
South Fork Roanoke River Total		177.4	1.7	99.050
Masons Creek	City of Salem	923.7	8.8	99.050
Masons Creek	Roanoke City	14.6	0.1	99.050
Masons Creek	Roanoke County	12.4	0.1	99.050
Masons Creek Total		950.6	9.0	99.050