

9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION15

**9 VAC 25-720-80. Roanoke River Basin.**

A. Total maximum Daily Load (TMDLs).

~~B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.~~ B. Non - TMDL Waste Load Allocations.

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TABLE B1—STREAM SEGMENT CLASSIFICATION

Classification		Segment description
WQMA IV		
	E	All tributaries to the Roanoke River not previously classified in the WQMA.
WQMA V		
	E	Roanoke River and all tributaries in this WQMA.
WQMA VI		
	WQ	Ash Camp Creek.
	EL	Twittys Creek.
	E	Roanoke Creek to include all tributaries not previously classified in the WQMA.
WQMA VII		
	WQ	Banister River from /confluence of Polecat Creek to confluence of Dan and Banister Rivers (River only).
	EL	Dan River from confluence Miry Creek to backwaters of Kerr Reservoir (River only).
	WQ	Kerr Reservoir.
	WQ	Little Bluestone Creek.
	WQ	Butcher Creek
	WQ	Flat Creek.
	E	All tributaries to Kerr Reservoir, Dan River and Banister River not previously classified in this WQMA.
	E	Roanoke River from confluence Clover Creek to headwaters of Kerr Reservoir.
	E	All tributaries to the Roanoke River in this WQMA not previously classified.
WQMA VIII		
	E	Hyco River from the NC-VA, State Line to its confluence with the Dan River to include all tributaries.
WQMA IX		
	E	Banister River through this WQMA
	EL	Georges Creek.
	EL	Cherrystone Creek.
	E	All tributaries to the Banister River not previously classified in this WQMA.
WQMA X		
	E	Dan River from NC-VA State Line to one mile above the confluence of Sandy River (River only).
	E	Sandy River to include all tributaries.
	WQ	Dan River from one mile above confluence of Sandy River to NC-VA line.
	E	Dan River from NC-VA line to confluence Miry Creek
	E	All tributaries to the Dan River in Virginia not previously classified in this WQMA.
WQMA XII		
	E	Smith River from its headwaters to Philpot Dam.
	WQ	Smith River from Philpott Dam to the NC-VA State Line.
	EL	Marrowbone Creek.
	EL	Leatherwood Creek.

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	E	All tributaries to the Smith River not previously classified in this WQMA.
WQMA XIII		
	E	North Mayo River from its headwaters to the NC-VA State Line to include all tributaries.
WQMA XIV		
	E	Headwaters South Mayo River to confluence North Fork South Mayo River.
	EL	South Mayo River from confluence with North Fork to NC-VA Line.
	E	All tributaries of the South Mayo River not previously classified in this WQMA.
WQMA XV		
	E	All streams in this WQMA.

Source: Hayes, Seay, Mattern & Mattern

TABLE B2 – SEWERAGE SERVICE AREAS – WASTELOAD ALLOCATIONS FOR ROANOKE RIVER BASIN WATER QUALITY MANAGEMENT PLAN.

Water Quality Management Area (WQMA)	Study Area Name	Discharger	Stream Name	Segment Classification	303(c) Wasteload Allocation BOD <sub>5</sub> lbs/day
WQMA IV	Appomattox	Appomattox STP	Falling R.	EL	400.00
WQMA IV	Brookneal	Brookneal STP and Dan River, Inc. Brookneal	Roanoke R.	EL	1381.20
WQMA IV	Rustburg	Rustburg STP	Molleys Cr.	WQ	47.94
WQMA VI	Drakes Branch	West Point Stevens - Drakes Branch	Twittys Cr.	EL	27.82
WQMA VII	Clarksville	Chase City Regional STP	Little Blue Stone Cr.	WQ	N/A <sup>1</sup>
WQMA VII	Chase City-Boydton	Boydton	Coleman Cr.	EL	N/A <sup>1</sup>
		Clarksville STP	Kerr Reservoir	WQ	131.00
		Burlington Industries-Clarksville	Kerr Reservoir	WQ	1793.00
WQMA VII	South Boston	South Boston STP	Dan River	WQ	1854.00
	Halifax-Scottsburg	Halifax STP, Halifax Cotton Mills, Burlington Ind. Halifax and Scottsburg STP	Banister R.	WQ	584.84
	Clover	Clover	Clover Cr.	EL	8.76
WQMA VII	South Hill- Lacrosse- Broadnax	South Hill, Lacrosse and Broadnax	Flat Cr.	WQ	N/A <sup>1</sup>
WQMA VII	Virgilina	Virgilina	X-Trib. To Wolfpit Run	EL	13.00
WQMA IX	Chatham-Gretna	Chatham-Gretna	Cherrystone Cr.	EL	125.22
			Georges Cr.	EL	400.00
WQMA X	Dan River	Danville and US Gypsum	Dan R.	WQ	4407.00
WQMA X	Dan River, Inc.	WILL DISCHARGE PROCESS WATER TO THE CITY OF DANVILLE STP			

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WQMA XII	Smith R.	Henry County PSA Upper Smith R. STP	Smith R.	WQ	567.00
		Collinsville STP Fieldcrest Mills	CONNECTED TO UPPER SMITH R. STP CONNECTED TO UPPER SMITH R. STP		
		E.I. duPont	Smith R.	WQ	503.00
		Martinsville STP	Smith R.	WQ	1500.00
		Henry County PSA Lower Smith R. STP	Smith R.	WQ	567.00
WQMA XIV	Stuart-Patrick Springs	Stuart STP	S. Mayo R.	EL	141.90
		United Elastic Patrick Springs	S. Mayo R.	EL	8.38
WQMA XIV	NONE	United Elastic Woolwine	Smith R.	EL	192.00

NOTES:

<sup>4</sup>See Table B3 of this section.

TABLE B3 – WASTELOAD ALLOCATIONS FOR DISCHARGERS WITH TIERED PERMITS ROANOKE RIVER BASIN WATER QUALITY MANAGEMENT PLAN.

Water Quality Management Area (WQMA)	Study Area Name	Discharger	Months	Effluent Flow (mgd)	D.O. (mg/l)	CBOD <sub>5</sub> (lbs/day)	BOD <sub>5</sub> (mg/l)	Ammonia (mg/l)	Total Kjeldahl Nitrogen (mg/l)
WQMA VI	Keysville	Keysville	Dec.-Apr.	0.500	5.0	104.32	25.0 <sup>†</sup>	1.4	4.0
			May-Nov.	0.500	5.0	70.94	17.0 <sup>†</sup>		
WQMA VII	South Hill-Lacrosse-Broadnax	South Hill	Jan.-Feb.	1.000	6.5	250.00	30.0	20.0	
			March	1.000	6.5	250.00	30.0	5.00	
			Apr.-May	1.000	6.5	83.0	10.0	1.0	
			June-Sept	1.000	6.5	75.00	9.0	1.0	
			Oct.	1.000	6.5	83.00	10.0	1.0	
			Nov.	1.000	6.5	142.00	17.0	5.0	
			Dec.	1.000	6.5	250.00	30.0	20.0	
WQMA VII	Clarksville-Chase City-Boydton	Boydton	May-Nov.	0.360	5.0	39.1	13.0 <sup>†</sup>		3.0
			Dec.-Apr.	0.360	5.0	75.1	25.0 <sup>†</sup>		
WQMA VII	Clarksville-Chase City-Boydton	Chase City	May-Nov.	0.600	6.0	65.04	13.0 <sup>†</sup>	1.8	4.2
			Dec.-Apr.	0.600	7.0	125.22	25.0 <sup>†</sup>	3.4	8.8

NOTES:

<sup>†</sup>CBOD<sub>5</sub>-(CBOD<sub>5</sub>/BOD<sub>5</sub>=25/30).

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## TABLE B4 – SEGMENT CLASSIFICATION – STANDARDS UPPER ROANOKE RIVER SUBAREA

HUC CODE 03010104

Stream Name	303(e) Segment Number	Mile to Mile	Stream Classification	Comments
N.F. Roanoke River	4A-1	30.80 to 0.00	E.L.-P	Main and tributaries.
S.F. Roanoke River	4A-1	16.60 to 0.00	E.L.-P W.Q.-FC	Main and tributaries. Main only.
Roanoke River	4A-2	227.74 to 202.20	W.Q.-DO,P	Main only to 14th Street Bridge.
Peters Creek	4A-2	8.00 to 0.00	W.Q.-DO,P	Main only.
Roanoke River	4A-2	202.20 to 195.87	W.Q.-DO,P	Main to confluence with Prater Creek.
Tinker Creek	4A-2	19.40 to 0.00	W.Q.-DO,P,FC	Main only.
Beek Creek	4A-2	25.70 to 0.00	E.L.-P	Main and tributaries.
Roanoke River	4A-2	195.87 to 158.20	W.Q.-DO,P	Main and impounded tributaries (impounded portions only) to Smith Mtn. Dam.
Other tributaries to the Roanoke River	4A-2	227.74 to 158.20	E.L.-P	Tributaries only.
Blackwater River	4A-3	58.80 to 19.75	E.L.-P	Main and tributaries.
Blackwater River	4A-3	19.75 to 0.00	W.Q.-DO,P	Main and impounded tributaries (impounded portions only) to mouth of Blackwater River.
Other tributaries to the Blackwater River	4A-3	58.80 to 0.00	E.L.-P	Tributaries only.
Pigg River	4A-4	79.80 to 58.00	E.L.	Main and tributaries from the headwaters to the confluence with Furnace Creek – except Story Creek.
Storey Creek	4A-4	10.30 to 0.00	W.Q.-DO	Main Only.
Pigg River	4A-4	58.00 to 47.60	W.Q.-DO	Main only from Furnace Creek to the confluence with Powder Mill Creek.
Pigg River	4A-4	47.60 to 0.00	E.L.	Main and tributaries.
Roanoke River	4A-5	158.20 to 140.54	E.L.	Main and tributaries. (Leesville Lake)
Goose Creek	4A-5	39.30 to 0.00	E.L.	Main and tributaries.
Little Otter River	4A-5	17.15 to 14.36	E.L.	Main and tributaries to confluence with Johns Creek.
Johns Creek	4A-5	4.00 to 0.00	W.Q.-DO	Main only.
Little Otter River	4A-5	14.36 to 0.00	W.Q.-DO	Main only from confluence with Johns Creek to Big Otter River.
Big Otter River	4A-5	42.68 to 0.00	E.L.	Main and tributaries.

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Roanoke River	4A-5	140.54 to 123.79	E.L.	Main and tributaries.
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Legend:

DO = Dissolved Oxygen

P = Phosphorus

FC = Fecal Coliform

T = Temperature

TABLE B5 - WASTELOAD ALLOCATIONS BASED ON EXISTING DISCHARGE POINT 1 UPPER ROANOKE RIVER SUBAREA

HUC 03010101

MAP LOCATION	STREAM NAME	SEGMENT NUMBER	SEGMENT CLASSIFICATION STANDARDS	MILE to MILE <sup>2</sup>	DISCHARGER	VPDES PERMIT NUMBER	VPDES PERMIT LIMITS BOD <sub>5</sub> <sup>4</sup> kg/day	303(e)-3/ WASTELOAD ALLOCATION BOD <sub>5</sub> <sup>4</sup> -kg/day	TOTAL MAXIMUM DAILY LOAD W.Q. SEGMENTS BOD <sub>5</sub> <sup>4</sup> -kg/day
A	S.F. Roanoke R.	4A-1	E.L.-P WQ-FC	6.33-	Montgomery County-PSA Shawsville STP	VA0024031	11.40	Secondary	
B	S.F. Roanoke R.	4A-1	E.L.-P	0.76-	Montgomery County-PSA Elliston-Lafayette STP	VA0062219	28.00	Secondary	
C	X-trib to N.F. Roanoke R.	4A-1	E.L.-P	0.25-	Lonnie J. Weddle Residence	VA0073229	0.03	Secondary	
D	X-trib to N.F. Roanoke R.	4A-1	E.L.-P	0.25-	James Luther Residence	VA0073237	0.05	Secondary	
E	N.F. Roanoke R.	4A-1	E.L.-P	17.57-	Blacksburg Country Club, Inc.	VA0027481	4.00	Secondary	
1	Cedar Run	4A-1	E.L.-P	2.64- 0.46-	Wolverine Gasket Co., Inc	VA0052825	N/A	Secondary	
F	Cedar Run	4A-1	E.L.-P	0.40-	Wendell Hensley Residence	VA0066737	0.07	Secondary	
G	X-trib to Cedar Run	4A-1	E.L.-P	0.20-	Ivan Gary Bland Residence	VA0077488	0.05	Secondary	
H	Cedar Run	4A-1	E.L.-P	0.46-	Velma D. Compton Residence	VA0080021	0.06	Secondary	
2	N.F. Roanoke R.	4A-1	E.L.-P	15.21-	Federal Megal, Inc.	VA0001619	N/A	Secondary	
I	N.F. Roanoke R.	4A-1	E.L.-P	0.76-	VDOT I-81 Ironto Rest Area	VA0060941	2.80	Secondary	
3	X-trib to Roanoke R.	4A-2	E.L.-P	1.04-	Salem Stone Corp.	VA0006459	N/A	Secondary	

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4	Roanoke R.	4A-2	W.Q.-DO,P	218.13-	Roanoke Electric Steel Salem Plant	VA0001333	N/A	N/A	N/A
5	Roanoke R.	4A-2	W.Q.-DO,P	216.33-	Koppers Co. Inc.	VA0001344	N/A	N/A	N/A
6	Snyders Br.	4A-2	E.L.P.	0.17-	Graham White Mfg., Inc.	VA0030034	N/A	Secondary	
7	Bowmans's Br.	4A-2	E.L.P.	0.20-	Mechanical Development Co., Inc.	VA002311	N/A	Secondary	
8	Roanoke R.	4A-2	W.Q-DO,P	212.61-	Rowe Furniture Corp., Inc.	VA0024716	N/A	N/A	N/A
9	Roanoke R.	4A-2	W.Q.L-DO,P	212.39-	Valleydale Packers, Inc.	VA0001317	N/A	N/A	N/A
J	X-trib to Mason Cr.	4A-2	E.L.P.	0.21	Gary L. Bryant Residence	VA0063398	0.07	Secondary	
K	Mason Cr.	4A-2	E.L.P.	0.30-	Roanoke County Schools Mason Cove E.S.	VA0027545	0.45	Secondary	
L	Mason Cr.	4A-2	E.L.P.	7.79-	Roanoke Moose Lodge 284	VA0077895	0.53	Secondary	
M	Gish Br.	4A-2	E.L.P.	1.80-	Eddie Miller Residence	VA0076759	0.06	Secondary	
10	Roanoke R.	4A-2	W.Q.-DO,P	209.58-	Virginia Plastics Co., Inc.	VA0052477	N/A	N/A	N/A
10	X-trib to Mud Lick	4A-2	E.L.P.	0.47-	Virginia Plastics Co., Inc.	VA002477	2.70	Secondary	
11	Peters Cr.	4A-2	W.Q.-DO,P	0.26-	Roanoke Electric Steel Roanoke Plant	VA0001589	N/A	N/A	N/A
12	Roanoke R.	4A-2	W.Q.-DO,P	207.60-	Fuel Oil & Equipment Co., Inc.	VA0001252	N/A	N/A	N/A
13	Roanoke R.	4A-2	W.Q.-DO,P	207.24	Norfolk & Western Railways Co., Inc. Schaffers Crossing	VA0001597	N/A	N/A	N/A
13	Horton Cr.	4A-2	E.L.P.	0.41-	Norfolk & Western Railways Co., Inc. Schaffers Crossing	VA0001597	N/A	Secondary	
N	Roanoke	4A-2	W.Q.-DO,P	201.81-	Roanoke City Regional STP	VA0025020	1173.00	1173.00	1352.00
14	Carvin Cr.	4A-2	E.L.P.	5.77-	Roanoke City Carvin Cove WTP	VA0001473	N/A	Secondary	
15	Carvin Cr.	4A-2	E.L.P.	4.98-	ITT Electro-Optical Products Division	VA0020443	N/A	Secondary	

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16	Tinker Cr	4A-2	W.Q.-DO,P,FC	5.17	Elizabeth Arden, Inc.	VA0001635	N/A	N/A	N/A
17	Tinker Cr	4A-2	W.Q.-DO,P,FC	1.45	Exxon Company, USA, Inc.	VA0079006	N/A	N/A	N/A
18	Lick Run	4A-2	E.L.-P.	3.51	Norfolk & Western Railways Co., Inc.-Schaffers Crossing	VA0001597	N/A	Secondary	
18	Lick Run	4A-2	E.L.-P.	1.12	Norfolk & Western Railways Co., Inc.-East End Shops	VA0001511	N/A	Secondary	
O	X-trib to Glade Cr	4A-2	E.L.-P.	1.60	R.W. Bowers Commerical	VA0068497	0.06	Secondary	
P	X-trib to Glade Cr	4A-2	E.L.-P.	1.24	Geraldine B. Carter Residence	VA0076546	0.06	Secondary	
Q	Coyner Spring Br.	4A-2	E.L.-P.	0.50	Roanoke City-Coyner Springs STP	VA0021121	0.80	Secondary	
R	Back Cr.	4A-2	E.L.-P.	16.14	Roanoke Sanitary Disposal Corp.-Starkey STP	VA0027103	45.40	Secondary	
19	Back Cr.	4A-2	E.L.-P.	1.48	Shell Oil Co., Inc.	VA0001431	N/A	Secondary	
S	X-trib to Back Cr.	4A-2	E.L.-P.	1.00	Suncrest Development Co., Inc.-Suncrest Heights STP	VA0028711	2.30	Secondary	
20	Falling Cr.	4A-2	E.L.-P.	7.70	Roanoke City-Falling Cr. WTP	VA0001465	N/A	Secondary	
T	X-trib to Falling Cr.	4A-2	E.L.-P.	0.32	Oak Ridge Mobile Home Park	VA0078392	3.40	Secondary	
U	Nat Branch	4A-2	E.L.-P.	0.59	Bedford County Schools Stewartsville E.S.	VA0020842	0.50	Secondary	
V	Roanoke R.	4A-2	W.Q.-DO,P	182.76	L. Jack & Vicki S. Browning Residence	VA0067229	0.07	0.07	170.07
W	X-trib to Little Cr.	4A-2	E.L.-P.	0.16	Robert R. Walter Residence	VA0074004	0.05	Secondary	
X	X-trib to Teals Cr.	4A-3	E.L.-P.	0.96	Franklin County Schools Boones Mill E.S.	VA0060291	0.50	Secondary	
21	Blackwater R.	4A-3	E.L.-P.	40.05	Rocky Mount Town Blackwater R. WTP	VA0055999	N/A	Secondary	



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Y	Blackwater R.	4A-3	E.L.-P.	38.95-	Franklin Manor Home for Adults	VA0067555	1.70	Secondary	
Z	X-trib to Blackwater R.	4A-3	E.L.-P.	1.15-	Franklin County Schools Rocky Mount E.S.	VA0060283	0.80	Secondary	
AA	X-trib to Maggedee Cr.	4A-3	E.L.-P.	0.28-	Boones Mill Town Sand Filter	VA0078401	0.50	Secondary	
AB	Maggedee Cr.	4A-3	E.L.-P.	14.51	Boones Mill Town STP	VA0067245	3.40	Secondary	
AC	Roanoke R.	A-5	E.L.-P.	158.00-	APCO-SML Dam Visitors Center	VA0074179	0.57	Secondary	
AD	Roanoke R.	4A-5	E.L.-P.	157.49-	APCO-SML Dam Picnic Area	VA0074217	0.57	Secondary	
AE	Storey Cr.	4A-4	W.Q.-DO	9.78-	Ferrum Water & Sewage Authority Ferrum STP	VA0029254	14.20	14.20	14.60
23	X-trib to Pigg R.	4A-4	E.L.	1.28-	The Lane Company Rocky Mount Plant	VA0098438	N/A	Secondary	
22	Pigg R.	4A-4	W.Q.-DO	57.24-	Ronile, Inc.	VA0076015	14.80	14.80	34.98
AF	Pigg R.	4A-4	W.Q.-DO	56.72-	Rocky Mt. Town Existing STP	VA0023728	133.00	133.00	153.18
				52.68-	Rocky Mt. Town Proposed STP	VA0085952		133.00	
24	X-trib to Powder Mill Cr.	4A-4	E.L.	1.64-	Rocky Top Wood Preservers Inc.	VA0080071	N/A	Secondary	
AG	Willow Cr.	4A-4	E.L.	1.30-	Town & Country Subdivision	VA0028657	4.50	Secondary	
25	S.F. Goose Cr.	4A-5	E.L.	6.77-	Blue Ridge Stone Corp- Blue Ridge Plant	VA0050636	N/A	Secondary	
AH	X-trib to Goose Cr.	4A-5	E.L.	0.66-	Woodhaven Village, Inc.	VA0074870	0.50	Secondary	
26	X-trib to Goose Cr.	4A-5	E.L.	0.08	Conoco, Inc.	VA0055328	N/A	Secondary	
27	S.F. Goose Cr.	4A-5	E.L.	2.58-	Chevron USA, Inc.	VA0026051	N/A	Secondary	
28	X-trib to Goose Cr.	4A-5	E.L.	0.20-	Phillips Petroleum Co., Inc.	VA0051446	N/A	Secondary	
29	X-trib to Goose Cr.	4A-5	E.L.	0.04-	Amoco Oil Co., Inc.	VA0054577	N/A	Secondary	
29	X-trib to Goose Cr.	4A-5	E.L.	0.06-	Amoco Oil Co., Inc.	VA0054577	N/A	Secondary	

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29	X-trib to Goose Cr.	4A-5	E.L.	0.14-	Amoco Oil Co., Inc.	VA0054577	N/A	Secondary	
30	S.F. Goose Cr.	4A-5	E.L.	2.30-	Colonial Pipeline Co., Inc.	VA0051721	N/A	Secondary	
AI	X-trib to N.F. Goose Cr.	4A-5	E.L.	0.20-	Bedford County Schools- Montvale E.S.	VA0066206	0.42	Secondary	
31	S.F. Goose Cr.	4A-5	E.L.	2.18-	Texaco, Inc.	VA0001490	N/A	Secondary	
AJ	X-trib to Day Cr.	4A-5	E.L.	1.79-	Camp Virginia Jaycee Inc.	VA0060909	1.70	Secondary	
AK	X-trib to Reed Cr.	4A-5	E.L.	0.84-	Robincrest Mobile Home Park	VA0078413	2.70	Secondary	
AL	X-trib to Wolf Cr.	4A-5	E.L.	0.95-	Bedford County Schools Thaxton E.S.	VA0020869	0.30	Secondary	
AM	X-trib to Shoulder Run	4A-5	E.L.	0.95-	Bedford County Schools- Staunton River H.S.	VA0068063	2.90	Secondary	
AN	Goose Cr.	4A-5	E.L.	19.55-	Camp Tipacanoe Inc.	VA0068063	1.10	Secondary	
AO	Mattock Cr.	4A-5	E.L.	3.76-	VDOC - Filed Unit #24 Smith Mtn. Lake	VA0023515	2.40	Secondary	
32	Staunton (Rea.) R.	4A-5	E.L.	129.72-	Burlington Industries- Klopman Division Altavista Plant	VA0001678	530.00	Secondary	
33	Staunton (Rea.) R.	4A-5	E.L.	128.96-	Altavista Town WTP	VA0027189	N/A	Secondary	
34	Staunton (Rea.) R.	4A-5	E.L.	128.94-	The Lane Co., Inc. Altavista Plant	VA0001520	N/A	Secondary	
	Staunton (Rea.) R.	4A-5	E.L.		Town of Hurt (Proposed)			Secondary	
AP	Staunton (Rea.) R.	4A-5	E.L.	127.96-	Altavista Town STP	VA0020451	204.00	Secondary	
35	Staunton (Rea.) R.	4A-5	E.L.	126.39-	Ross Laboratories	VA0001716	66.20.4	Secondary	
36	X-trib to Big Otter R.	4A-5	E.L.	1.63-	Bedford City WTP	VA0001503	N/A	Secondary	
37	Rearing Run	4A-5	E.L.	3.26-	Gunnose Sausage Co., Inc.	VA0001449	0.55	Secondary	
AQ	X-trib to Big Otter R.	4A-5	E.L.	1.15-	Bedford County Schools-Otter River E.S.	VA0020851	0.40	Secondary	
38	X-trib to Little Otter R.	4A-5	E.L.	0.76-	Wheelbrator Frye, Inc.	VA0058033	N/A	Secondary	
AR	X-trib to Little Otter R.	4A-5	E.L.	0.42-	Bedford County Schools- Liberty H.S.	VA0020796	2.80	Secondary	

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AS	Little Otter R.	4A-5	W.Q.-DO	14.36-	Bedford City STP	VA0022390	52.80	52.80	64.15
39	Johns Cr.	4A-5	W.Q.-DO	2.61-	Golden West Foods, Inc.	VA0056430	N/A	N/A	N/A
AT	X-trib to Wells Cr.	4A-5	E.L.	2.22-	Bedford Country Schools-Body Camp E.S.	VA0020818	0.40	Secondary	
AU	X-trib to Big Otter R.	4A-5	E.L.	1.20-	David T. Callahan Residence	VA0080667	0.57	Secondary	
AV	X-trib to Buffalo Cr	4A-5	E.L.	0.67-	Bedford Country Schools-New London Academy	VA0020826	0.50	Secondary	
AW	Buffalo Cr	4A-5	E.L.	12.42-	Alum Springs Shopping Center	VA0078099	4.50	Secondary	
40	Big Otter R.	4A-5	E.L.	11.74-	Campbell Country USA (Proposed WTP)	VA0078646	N/A	Secondary	
BF	X-trib to Big Otter R	4A-5	E.L.	1.07-	Otterwood Grocery Store	VA0082732	0.05	Secondary	
AX	Flat Cr.	4A-5	E.L.	13.34-	Virginia Track & Equipment Corp.	VA0068594	0.03	Secondary	
BD	X-trib to Flat Cr.	4A-5	E.L.	0.68	Montague Betts Co., Inc.	VA0075116	0.45	Secondary	
41	Flat Cr.	4A-5	E.L.	12.62-	Blue Ridge Stone Corp. Lynchburg Plant	VA0050628	N/A	Secondary	
AY	X-trib to Flat Cr.	4A-5	E.L.	0.12-	Winebarger Corp	VA0074969	0.70	Secondary	
AZ	Smith Br.	4A-5	E.L.	2.82-	Briarwood Village	VA0031194	2.70	Secondary	
BE	X-trib to Flat Cr.	4A-5	E.L.	0.88-	Ralph P. Shepard Residence	VA0081591	0.05	Secondary	
BA	X-trib to Flat Cr.	4A-5	E.L.	1.16-	Phillips, Arthur, Phillips Tract #6	VA0068098	0.05	Secondary	
BB	X-trib to Flat Cr.	4A-5	E.L.	1.12-	Kyle E. & Annette D. Shupe Residence	VA0068080	0.05	Secondary	
BC	X-trib to Flat Cr.	4A-5	E.L.	1.08-	Wayne E. & Sherina D. Shupe Residence	VA0068074	0.05	Secondary	
BG	X-trib to Troublesome Cr.	4A-5	E.L.	2.15-	Kelly Convenience Store	VA0067078	0.11	Secondary	

NOTES:

9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION15

N/A - Not Applicable - currently no BOD<sub>5</sub> limits or wasteload have been required by the VPDES Permit. Should BOD<sub>5</sub> be required a WQMP amendment would be necessary for Water Quality Limited Segments only.

<sup>1</sup>Secondary Treatment levels are required in Effluent Limited segments. Quantities listed for Water Quality Limited segments represent wasteload allocation.

<sup>2</sup>Ending river miles are not available at this time.

<sup>3</sup>These allocations represent current and original (1976 WQMP) modeling with the exception of the Altavista segment, river miles 130.00 to 119.00 on the Staunton (Roanoke) River. Future revisions may be necessary based on State Water Control Board approved modeling.

<sup>4</sup>The VPDES Permit limit presented here is a future loading, not the current VPDES Permit limitation. The permitting process will determine the current loading not to exceed 1173 kg/d WLA established by this plan.

<sup>5</sup>The current permitted BOD<sub>5</sub> loading for this facility is 30 mg/l monthly average and 45 mg/l daily maximum. Based on maximum flows reported by this facility for 1987-88 (0.389 mgd) the resulting wasteload is 66.2 kg/d. Revocation of the permit has been requested by the permittee.

<u>Water Body</u>	<u>Permit No</u>	<u>Facility Name</u>	<u>Outfall No.</u>	<u>Receiving Stream</u>	<u>River Mile</u>	<u>Parameter Description</u>	<u>WLA</u>	<u>Units WLA</u>
<u>VAW-L04R</u>	<u>VA0072389</u>	<u>Oak Ridge Mobile Home Park</u>	<u>001</u>	<u>Falling Creek UT</u>	<u>0.32</u>	<u>BOD5</u>	<u>0.85</u>	<u>KG/D</u>
<u>VAW-L04R</u>	<u>VA0025020</u>	<u>Roanoke City Regional Water Pollution Control Plant</u>	<u>001</u>	<u>Roanoke River</u>	<u>201.81</u>	<u>BOD5</u>	<u>1173</u>	<u>KG/D</u>
						<u>TKN, APR-SEP</u>	<u>318</u>	<u>KG/D</u>
						<u>TKN, OCT-MAR</u>	<u>636</u>	<u>KG/D</u>
			<u>001</u>	<u>Roanoke River</u>	<u>201.81</u>	<u>BOD5</u>	<u>1173</u>	<u>KG/D</u>
						<u>TKN, APR-SEP</u>	<u>416</u>	<u>KG/D</u>
						<u>TKN, OCT-MAR</u>	<u>832</u>	<u>KG/D</u>
			<u>001</u>	<u>Roanoke River</u>	<u>201.81</u>	<u>BOD5</u>	<u>1173</u>	<u>KG/D</u>
						<u>TKN, APR-SEP</u>	<u>469</u>	<u>KG/D</u>
						<u>TKN, OCT-MAR</u>	<u>939</u>	<u>KG/D</u>
<u>VAW-L04R</u>	<u>VA0077895</u>	<u>Roanoke Moose Lodge</u>	<u>001</u>	<u>Mason Creek</u>	<u>7.79</u>	<u>BOD5, JUN-SEP</u>	<u>0.24</u>	<u>KG/D</u>
						<u>TKN, JUN-SEP</u>	<u>0.09</u>	<u>KG/D</u>
<u>VAW-L07R</u>	<u>VA0020842</u>	<u>Bedford County School Board-Stewartsville Elementary School</u>	<u>001</u>	<u>Nat Branch, UT</u>	<u>0.59</u>	<u>BOD5</u>	<u>0.5</u>	<u>KG/D</u>

## 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION 15

<u>Water Body</u>	<u>Permit No</u>	<u>Facility Name</u>	<u>Outfall No.</u>	<u>Receiving Stream</u>	<u>River Mile</u>	<u>Parameter Description</u>	<u>WLA</u>	<u>Units WLA</u>
VAW-L14R	VA0029254	Ferrum Water and Sewage Authority - Ferrum Sewage Treatment Plant	001	Storey Creek	9.78	BOD5	14.2	KG/D
VAW-L14R	VA0085952	Rocky Mount Town Sewage Treatment Plant	001	Pigg River	52	BOD5	133	KG/D
VAW-L14R	VA0076015	Ronile Incorporated	001	Pigg River	57.24	BOD5	14.8	KG/D
VAW-L21R	VA0063738	Bedford County School Board - Staunton River High School	001	Shoulder Run, UT	0.95	BOD5	1.8	KG/D
VAW-L21R	VA0020869	Bedford County School Board - Thaxton Elementary School	001	Wolf Creek, UT	0.35	BOD5	0.31	KG/D
VAW-L22R	VA0023515	Blue Ridge Regional Jail Authority - Moneta Adult Detention Facility STP	001	Mattox Creek, UT	3.76	BOD5	1.66	KG/D
VAW-L25R	VA0020851	Bedford County School Board - Otter River Elementary School	001	Big Otter River, UT	1.15	BOD5	0.4	KG/D
VAW-L26R	VA0022390	Bedford City - Sewage Treatment Plant	001	Little Otter River	14.36	BOD5	52.8	KG/D
VAW-L26R	VA0020818	Bedford County School Board - Body Camp Elementary	001	Wells Creek, UT	2.22	BOD5	0.4	KG/D
VAW-L27R	VA0020826	Bedford County School Board - New London Academy	001	Buffalo Creek, UT	0.67	BOD5	0.39	KG/D
VAC-L29R	VA0031194	Briarwood Village Mobile Home Park STP	001	Smith Branch, UT	2.82	BOD5	1.3	KG/D
VAC-L35R	VA0023965	Campbell Co Util & Serv Auth - Rustburg	001	Mollys Creek	17.81	BOD5	8.13	KG/D

## 9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION 15

<u>Water Body</u>	<u>Permit No</u>	<u>Facility Name</u>	<u>Outfall No.</u>	<u>Receiving Stream</u>	<u>River Mile</u>	<u>Parameter Description</u>	<u>WLA</u>	<u>Units WLA</u>
VAC-L39R	VA0084433	Drakes Branch WWTP	001	Twitty's Creek	6.04	BOD5	6.4	KG/D
VAC-L39R	VA0024058	Keysville WWTP	001	Ash Camp Creek	7.63	CBOD5, MAY-NOV	32.1	KG/D
						TKN, MAY-NOV	7.57	KG/D
VAC-L39R	VA0050822	Westpoint Stevens Inc Drakes Branch	001	Twittys Creek	7.22	BOD5	6.31	KG/D
VAW-L43R	VA0022985	Stuart Town - Sewage Treatment Plant	001	South Mayo River	30.78	BOD5	63.5	KG/D
VAW-L54R	VA0069345	Henry Co Public Service Authority - Lower Smith River STP	001	Smith River	19.4	BOD5	257	KG/D
VAW-L54R	VA0025305	Martinsville City Sewage Treatment Plant	001	Smith River	22.69	BOD5	681	KG/D
VAC-L60R	VA0060593	Danville City - Northside	001	Dan River	53.32	BOD5	1907	KG/D
						TKN, JUN-OCT	1817	KG/D
VAC-L75L	VA0020168	Clarksville WWTP	001	Blue Creek/John H. Kerr Reservoir	0.1	BOD5	59.5	KG/D
VAC-L77R	VA0076881	Chase City Regional WWTP	001	Little Bluestone Creek	13.67	CBOD5, MAY-NOV	29.5	KG/D
						TKN, MAY-NOV	9.5	KG/D
VAC-L78R	VA0026247	Boydton WWTP	001	Coleman Creek	3.79	CBOD5, MAY-NOV	17.7	KG/D
						TKN, MAY-NOV	4.1	KG/D

9 VAC 25-720 WATER QUALITY MANAGEMENT PLANNING REGULATION15

<u>Water Body</u>	<u>Permit No</u>	<u>Facility Name</u>	<u>Outfall No.</u>	<u>Receiving Stream</u>	<u>River Mile</u>	<u>Parameter Description</u>	<u>WLA</u>	<u>Units WLA</u>
VAC-L79R	VA006933Z	South Hill WWTP	001	Flat Creek	8.95	CBOD5, APR-NOV	60.6	KG/D