Roanoke River Basin

Monitoring Station List for 2004 305(b) and 303(d) Integrated Report

Conventional Water Column Monitoring Data and Bacteria Data: #Violations/# Samples/Status. Water Column, Sediment, Fish Tissue: #Violations/Status.

Bold/Shaded = Impaired Waters

Pink = Observed Effects

WBID	Monitoring Station	Type	Temperature	Status	Dissolved Oxygen	Status	pH	Status	Fecal Coliform	Status	E. Coli	Status	Enterococci	Water Column Metals	Status	Water Column Other Toxics	Status	Sediment Metals	Status	Sediment Other Toxics	Status	Fish Tissue Metals	Status	Fish Tissue Other Toxics	Status	Benthic Bio Mon Status	Nutrients T.P Status	Nutrients CHL A Status	Comments
W-L01R	4ABTM000.04	B	1 / 2	IN	0 / 2	S	0 / 2	S																		NI			WQ-P;
W-L01R	4ABTM011.02	B																								NI			WQ-P;
W-L01R	4AELT-3-SOS	CMON																								LP			WQ-P; 2000 1 Survey Traditional Meth.
W-L01R	4AELT-4-SOS	CMON																								LP			WQ-P; 1999-2000 3 Surveys Traditional Meth. (2 Exl; 1 Fair)
W-L01R	4AELT-5-SOS	CMON																								LP			WQ-P; Single 1998 Survey Traditional Meth. (Exl)
W-L01R	4AELT-6-SOS	CMON																								LP			WQ-P; 1998-2000 8 Surveys Traditional Meth. (Exl)
W-L01R	4AELT-7-SOS	CMON																								LP			WQ-P; Single 1999 Survey Tradtional Meth. (Exl)
W-L01R	4AELT-8-SOS	CMON																								LP			WQ-P; 1998-2000 4 Surveys Tradtional Meth. (3 Exl 1 Good)
W-L01R	4AGOS000.71	B	0 / 2	S	0 / 2	S	0 / 2	S																		NI			WQ-P; 2000 Benthic Survey
W-L01R	4AGOS-SOS	CMON																								LP			WQ-P; Single 2000 Survey Tradtional Meth. (Exl)
W-L01R	**4ARSF002.20**	A	**2 / 18**	**IM**	0 / 18	S	0 / 18	S	**3 / 18**	**IM**						0	S	0	S	0	S						S		PWS; WQ-P
W-L01R	4ARSF004.63	C																0	S	0	S	0	S	0	S				WQ-P; '99 FT/Sed OK
W-L01R	**4ARSF011.73**	A	**2 / 12**	**IM**	0 / 12	S	0 / 12	S	**3 / 12**	**IM**						0	S	0	S	0	S						S		WQ-P
W-L01R	4ARSF012.43	B	0 / 4	S	0 / 4	S	0 / 4	S																		SI			WQ-P
W-L01R	4ARSF-2-SOS	CMON																								LP			WQ-P; 1998-2000 7 Surveys Tradtional Meth. (Exl); 2 Modified Meth. (Acceptable)
W-L02R	4ABDC002.36	A	0 / 5	S	0 / 5	S	0 / 4	S	0 / 7	S						0	S										S	S	pH & DO Exceedance 'W' occur 7/22/02; '04 Str flow <7Q10
W-L02R	4ACDN001.12	A	0 / 8	S	0 / 8	S	0 / 7	S	0 / 9	S						0	S										S	S	EL-P; '04 Str. Flow <7Q10
W-L02R	4ACDN002.20	C																0	S	0	S	0	S	0	S				EL-P; '99 FT/Pb detected 1 sp; Sed OK
W-L02R	4ACDN002.53	C																0	S	0	S	0	S	0	S				EL-P; '02 FT/Pb below detection 2 sp; Sed OK
W-L02R	4ARNF002.97	A	0 / 6	S	0 / 6	S	0 / 6	S	0 / 6	S						0	S	0	S	0	S						S		PWS; EL-P
W-L02R	4ARNF007.72	FPM	0 / 2	S	0 / 2	S	0 / 2	S	1 / 1	W						0	S	0	S	0	S					W	W	W	EL-P; VAEQ99-031
W-L02R	4ARNF013.60	C																0	S	0	S	1	O	0	S				EL-P; '99 FT/Sed As 2 sp; Pb detect. 1 sp Sed Ok
W-L02R	**4ARNF015.09**	A	0 / 20	S	0 / 20	S	0 / 20	S	**9 / 21**	**IM**						0	S	0	S	0	S						S	S	EL-P; '04 Str. Flow <7Q10
W-L02R	4ARNF015.50	FPM	0 / 2	S	0 / 2	S	0 / 2	S	0 / 1	W						0	S	0	S	0	S					W	W	W	EL-P; VAEQ99-011
W-L02R	**4AWLN000.40**	A,TM	0 / 26	S	0 / 26	S	0 / 25	S	**14 / 27**	**IM**	**2 / 3**	**IM**				0	S	0	S	0	S						S	S	EL-P; '04 Str. Flow <7Q10
W-L03R	**4AROA212.17**	A,B	**10 / 49**	**IM**	0 / 49	S	0 / 48	S	**8 / 41**	**IM**						0	S	0	S	0	S					SI	S		PWS; WQ-P; °C Nat; AQ '00 & '98 Sed OK
W-L03R	4AROA212.99	C																0	S	0	S	0	S	0	S				PWS; WQ-P; 99 FT/Sed OK
W-L03R	**4AROA216.33**	C																0	S	0	S	0	S	**1**	**IM**				PWS; WQ-P; 99 FT PCB 1 sp; Sed OK
W-L03R	4AROA221.95	FPM	0 / 2	S	0 / 2	S	0 / 2	S	0 / 1	W	0 / 1	W				0	S									W	W	W	VAEQ99-186
W-L03R	4AROA224.54	B	0 / 7	S	0 / 7	S	0 / 7	S																		NI			WQ-P;
W-L03R	**4AROA227.42**	A	**9 / 59**	**IM**	0 / 59	S	0 / 59	S	**7 / 59**	**IM**				0	S	0	S	0	S	0	S						S	S	PWS; WQ-P;Temp Excds; '04 Str. Flow <7Q10
W-L03R	4ASNY000.01	C																0	S	3	O								EL-P; '02 Sed PAHs
W-L04R	4AMSN000.60	C																0	S	4	O	0	S	0	S				WQ-P; '99 FT; No Excds; Sed 4 PAHs
W-L04R	**4AMSN000.67**	SS								**IM**																			**WQ-P; SS975101 FC GM 3/3; Data older than 5 yrs.**
W-L04R	**4AMSN002.36**	SS								**IM**																			**WQ-P; SS975101 FC GM 2/3; Data older than 5 yrs.**
W-L04R	**4AMSN003.36**	SS								**IM**																			**WQ-P; SS975101 FC GM 3/3; Data older than 5 yrs.**
W-L04R	**4AMSN006.92**	SS								**IM**																			**WQ-P; SS975101 FC GM 3/3; Data older than 5 yrs.**
W-L04R	4AMSN012.62	SS								S																			WQ-P; SS975101 FC GM 0/3; Data older than 5 yrs.
W-L04R	4AMSN-2-SOS	CMON																								MP			WQ-P; SOS Single 2000 Survey Modified Meth. (Unacceptable)
W-L04R	4AMSN-3-SOS	CMON																								MP			WQ-P; SOS Single 2000 Survey Modified Meth. (Unacceptable)
W-L04R	**4AMUR001.63**	A	0 / 6	S	0 / 6	S	0 / 6	S	**2 / 6**	**IM**						0	S										S		WQ-P
W-L04R	**4AORE000.19**	A	0 / 6	S	0 / 6	S	0 / 6	S	**3 / 6**	**IM**						0	S										S	S	**WQ-P;**
W-L04R	**4APEE000.49**	C																0	S	0	S	0	S	**1**	**IM**				**WQ-P; '02 FT PCB 1 sp IM close to 4APEE001.04; Sed ok from 2 Sed samples**
W-L04R	**4APEE001.04**	A,C	0 / 17	S	0 / 16	S	0 / 16	S	**6 / 18**	**IM**						0	S	0	S	8	O	0	S	**1**	**IM**		S		**WQ-P; '99 FT PCB 1 sp IM close to 4APEE00.49; Sed 7 PAHs; '04 Str. Flow <7Q10; SS975101**
W-L04R	**4APEE001.04**	SS							**1 / 7**	**IM**																			**WQ-P; SS975101-GM 2/3; Data older than 5 yrs.**
W-L04R	**4AROA199.60**	C																1	O	3	O	0	S	**1**	**IM**				**PWS; WQ-P; '99 FT PCB 3 sp; Sed Ag, C-Dane, 2 PAHs**
W-L04R	**4AROA199.78**	C																0	S	4	O	0	S	**1**	**IM**				**PWS; WQ-P; '02 FT PCB 2 sp; Sed C-Dane, 3 PAHs**
W-L04R	**4AROA202.20**	A,B	0 / 61	S	0 / 61	S	0 / 61	S	**17 / 58**	**IM**				0	S	0	S	0	S	0	S					**MI**	S	S	WQ-P; AQ '00 & '98 Sed OK; '04 Str. Flow <7Q10
W-L04R	**4AROA205.67**	B	0 / 1	W	0 / 1	W	0 / 1	W																		**MI**			WQ-P
W-L04R	**4AROA206.03**	B	0 / 2	S	0 / 2	S	0 / 2	S																		**MI**			Inaccessible moved to 4AROA205.67 in 200(
W-L04R	**4AROA206.80**	C																0	S	0	S	0	S	**1**	**IM**				**WQ-P; '99 FT PCB 1 sp proximity to 4AROA199.60; Sed OK**
W-L04R	**4AROA206.27**	B	0 / 5	S	0 / 5	S	0 / 5	S																		**MI**			WQ-P
W-L05L	4ACRV006.19-TL	A	0 / 11	S	0 / 11	S	0 / 11	S	0 / 11	S						0	S										S	S	TSI - CA [28.86] TP [48.34] SD [54.16]
W-L05L	**4ACRV006.19-BL**	A	0 / 12	S	**8 / 12**	**IM**	0 / 12	S								0	S	0	S	0	S						O		
W-L05R	4ABPA-2-SOS	CMON																								MP			EL-P; SOS Single 2002 Survey Modified Meth. (Unacceptable); '04 Str. flow <7Q10
W-L05R	4ABPA-3-SOS	CMON																								MP			WQ-P; SOS Single 2001 Survey Modified Meth. (Unacceptable)
W-L05R	**4ACOO000.16**	SS								S																			WQ-P; SS975101-GM 0/2; Data older than 5 yrs.
W-L05R	**4ACRV000.28**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4ACRV001.88**	A	0 / 6	S	0 / 6	S	0 / 6	S	**2 / 7**	**IM**						0	S										S	S	EL-P; '04 Str. Flow <7Q10
W-L05R	4ACRV005.58	A	0 / 1	W	0 / 1	W	0 / 1	W	1 / 1	W						0	S										W		WQ-P; Single Sample
W-L05R	**4AGLA000.20**	A	0 / 8	S	0 / 8	S	0 / 8	S	**3 / 9**	**IM**	1 / 3	IN				0	S										S	S	**EL-P; '04 Str. Flow <7Q10**
W-L05R	**4AGLA000.20**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	4AGLA-2-SOS	CMON																								MP			WQ-P; SOS Single 2002 Survey Modified Meth. (Unacceptable)
W-L05R	**4AGLA001.60**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4AGLA004.39**	A,TM	0 / 8	S	0 / 8	S	0 / 8	S	**8 / 8**	**IM**	**2 / 2**	**IM**				0	S										S		**EL-P; former SS station: '04 Str. Flow <7Q10**
W-L05R	**4AGLA004.39**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	4AGLA005.04	C																0	S	0	S	0	S	0	S				WQ-P; '02 FT/Sed OK
W-L05R	**4AGLA005.75**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4AGLA008.10**	SS								**IM**																			**WQ-P; SS975101 GM 1/2; Data older than 5 yrs.**
W-L05R	4AGLA-SOS	CMON																								MP			EL-P; SOS Single 2002 Survey Modified Meth. (Unacceptable); '04 Str. flow <7Q10.
W-L05R	**4ALAY000.37**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4ALCK000.38**	A	0 / 32	S	0 / 31	S	3 / 31	S	**19 / 33**	**IM**	**2 / 3**	**IM**				0	S										S	S	EL-P; '04 Str. Flow <7Q10
W-L05R	**4ALCK000.38**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4ALCK002.17**	TM	0 / 2	S	0 / 2	S	0 / 2	S	**3 / 3**	**IM**	**2 / 3**	**IM**				0	S										S	S	EL-P; '04 Str. Flow <7Q10
W-L05R	4ATKR000.17	C																1	O	3	O	0	S	1	O				WQ-P; '02 FT PCB 1 sp; Sed - Pb, C-Dane, DDD, PAH
W-L05R	**4ATKR000.69**	A,C	**3 / 56**	**IM**	0 / 56	S	0 / 56	S	**25 / 59**	**IM**	**3 / 5**	**IM**				0	S	1	O	13	O	0	S	0	S		S		WQ-P; '04 Str. Flow <7Q10; 99 FT OK; Sed Ag, Pb, PCB,C-Dane, PAHs; SS GM 2/2
W-L05R	**4ATKR000.69**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4ATKR001.80**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4ATKR009.30**	A	**2 / 8**	**IM**	0 / 8	S	0 / 8	S	**2 / 9**	**IM**	1 / 3	IN				0	S										S	S	**WQ-P; '04 Str. Flow <7Q10**
W-L05R	4ATKR-1-SOS	CMON																								MP			WQ-P; SOS Single 2001 Survey Modified Meth. (Unacceptable)
W-L05R	**4ATKR012.28**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4ATKR015.88**	A	0 / 7	S	0 / 7	S	0 / 7	S	**4 / 8**	**IM**	1 / 3	IN				0	S										S	S	WQ-P; '04 Str. Flow <7Q10
W-L05R	**4ATKR015.88**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	**4ATKR016.64**	SS								**IM**																			**WQ-P; SS975101 GM 2/2; Data older than 5 yrs.**
W-L05R	4ATKR-2-SOS	CMON																								LP			WQ-P; '04 Str. Flow <7Q10; SOS 2001-2002 2 Surveys Modified Meth. (Acceptable)
W-L06R	4ABAA000.03	C																		0	S								PWS; NEW-1; WQ-P; 99 Sed only for PCB Study- OK
W-L06R	**4ABAA002.61**	A	0 / 17	S	0 / 16	S	0 / 16	S	**3 / 19**	**IM**						0	S	0	S	0	S						S		PWS; NEW-1; EL-P; '04 Str. Flow <7Q10
W-L07R	4ABDA002.57	C																		0	S								PWS; NEW-1; EL-P; 99 Sed only for PCB Study- OK
W-L07R	**4ABDA003.63**	A	0 / 17	S	0 / 17	S	1 / 17	S	**2 / 18**	**IM**						0	S	0	S	0	S						S		PWS; NEW-1; EL-P
W-L07R	4ABDA011.79	FPM	0 / 2	S	0 / 2	S	0 / 2	S	0 / 1	W						0	S	0	S	0	S					W	W	W	NEW-1; EL-P; VAEQ99-066
W-L08R	**4ABNR000.40**	A,B	0 / 37	S	0 / 37	S	0 / 37	S	**18 / 29**	**NA**	**13 / 20**	**IM**				0	S									**MI**	S		NEW-1; TMDL FC Study APPROVED; '98 FC;1 Bio surv; '04 Str. Flow <7Q10
W-L08R	4ABNR001.53	B,TM	0 / 3	S	0 / 3	S	0 / 3	S																		SI			NEW-1; TMDL FC Study approved; 1 Bio surv.

Roanoke River Basin

Monitoring Station List for 2004 305(b) and 303(d) Integrated Report

			CONVENTIONAL WATER COLUMN								BACTERIA DATA								WATER COLUMN		SEDIMENT		FISH TISSUE		BENTHIC	NUTRIENTS		Bold/Shaded = Impaired Waters
			MONITORING DATA																									Pink = Observed Effects
			#Violations/# Samples/Status								#Violations/# Samples/Status								#Violations/Status		#Violations/Status		#Violations/Status		Status	Status	Status	
WBID	Monitoring Station	Type	Temperature			Dissolved Oxygen			pH		Fecal Coliform			E. Coli			Enterococci		Metals	Other Toxics	Metals	Other Toxics	Metals	Other Toxics	Bio Mon	T.P	CHL A	Comments
W-L08R	4ABNR003.21	B,TM	0 / 3	S	0	/ 3	S	0	/ 3	S															NI			NEW-1; TMDL FC Study approved; '98 FC
W-L08R	**4ABNR004.56**	A,TM	0 / 9	S	0	/ 9	S	0	/ 9	S	**6 / 10 IM**			1 / 3 IN						0 S						S	S	NEW-1; TMDL FC Study APPROVED; '98 FC; '04 Str. Flow <7Q10
W-L08R	4ABNR009.36	SS	0 / 1	W	0	/ 1	W	0	/ 1	W	0 / 2 S															S		NEW-1; TMDL FC Study APPROVED; '98 FC; '04 Str. Flow <7Q10
W-L08R	**4ABSF001.15**	A	0 / 19	S	0	/ 19	S	0	/ 19	S	**16 / 20 NA**			**14 / 17 IM**						0 S						S		NEW-1; TMDL FC Study APPROVED; '98 FC; '02 Temp DELIST '04 Str. Flow <7Q10
W-L08R	4ABSF002.34	B,TM	1 / 2	IN	0	/ 2	S	0	/ 2	S															NI			NEW-1; TMDL FC Study approved; 2 Bio surveys; '00 & '01
W-L08R	**4ABWR032.32**	A	0 / 27	S	0	/ 27	S	0	/ 27	S	**11 / 29 NA**			**6 / 20 IM**						0 S						S	S	NEW-1; TMDL FC Study APPROVED; '98 FC; '04 Str. Flow <7Q10
W-L08R	**4ABWR045.80**	A,B	0 / 43	S	0	/ 43	S	0	/ 43	S	**17 / 38 NA**			**8 / 20 IM**						0 S	0 S	0 S			NI	O	S	PWS; NEW-1; TMDL FC Study APPROVED 12/04/01; 1 Bio 98 'D'; '98 FC; '04 Str. Flow <7Q10
W-L08R	**4ABWR049.73**	B,TM	0 / 1	W	0	/ 1	W	0	/ 1	W															NI			NEW-1; TMDL FC Study approved; 1 Bio 98 'D'; '98 FC
W-L08R	**4ABWR054.81**	A	0 / 27	S	0	/ 27	S	0	/ 27	S	**19 / 29 NA**			**14 / 20 IM**						0 S						O	S	NEW-1; TMDL FC Study APPROVED; '98 FC; '04 Str. Flow <7Q10
W-L08R	**4ABWR061.20**	A	0 / 36	S	0	/ 36	S	0	/ 36	S	**19 / 30 NA**			**13 / 18 IM**					0 S	0 S	0 S	0 S			SI	S	W	NEW-1; TMDL FC Study APPROVED 3/09/01; '98 FC; '04 Str. Flow <7Q10
W-L08R	**4AGCR000.01**	A,B	**2 / 15 IM**	0	/ 15	S	0	/ 14	S	**2 / 10 IM**										0 S					NI	S	S	NEW-1; TMDL FC Study APPROVED; '98 FC; '04 Str. Flow <7Q10
W-L08R	**4ALLE005.22**	A,B,TM	0 / 30	S	0	/ 30	S	1	/ 30	S	**19 / 29 NA**			**15 / 17 IM**						0 S					**MI**	O	S	NEW-1; TMDL FC Study APPROVED; 1 Bio surv; '04 Str. Flow <7Q10
W-L08R	**4ATEL001.02**	A,B,TM	0 / 31	S	0	/ 31	S	0	/ 31	S	**23 / 29 NA**			**14 / 17 IM**						0 S					**MI**	S	S	NEW-1; TMDL FC Study APPROVED; '04 Str. Flow <7Q10
W-L09R	4AMEE000.63	C																			0 S	0 S						NEW-1; 99 Sed; TMDL FC Study APPROVED 4/27/01; 98 FC listed
W-L09R	**4AMEE000.70**	B	0 / 2	S	0	/ 2	S	0	/ 2	S															**MI**			NEW-1; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L09R	**4AMEE002.38**	A	0 / 7	S	0	/ 7	S	0	/ 7	S	1 / 6 IM									0 S	0 S	0 S			**MI**	S		NEW-1; '98 Sed Ok; Bio moved '99 to 4AMEE000.70; TMDL FC Study APPROVED 4/27/01; 1996 303(d) Listed FC
W-L09R	**4AMEE004.90**	A	0 / 21	S	0	/ 21	S	0	/ 21	S	**12 / 21 NA**			**9 / 17 IM**						0 S	0 S	0 S				O		NEW-1; '00 Sed Ok; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L09R	**4AMEE007.85**	A	0 / 18	S	0	/ 18	S	0	/ 18	S	**8 / 19 NA**			**8 / 17 IM**						0 S						O		NEW-1; '04 Str. Flow < 7Q10; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L09R	**4AMEE009.86**	A	0 / 21	S	0	/ 21	S	0	/ 21	S	**11 / 20 NA**			**7 / 16 IM**						0 S	0 S	0 S				S		NEW-1; '00 Sed Ok; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L09R	4AMEE019.49	B	0 / 1	W	0	/ 1	W	0	/ 1	W																		NEW-1; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L09R	**4AMEE021.13**	SS	0 / 1	W	0	/ 1	W	0	/ 1	W	1 / 2 IM															S		NEW-1; '04 Str. Flow <7Q10; TMDL FC Study APPROVED 4/27/01; '98 FC listed / Data >5 yrs.; 1996 303(d) Listed FC
W-L09R	**4AMHA000.01**	A	0 / 18	S	0	/ 18	S	0	/ 18	S	**12 / 18 NA**			**10 / 16 IM**						0 S						O		NEW-1; '04 Str. Flow <7Q10; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L09R	4AMHA001.59	SS	0 / 1	W	0	/ 1	W	0	/ 1	W	1 / 1 W									0 S						W		NEW-1; '04 Str. Flow <7Q10; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L09R	4AMHA001.79	SS	0 / 1	W	0	/ 1	W	0	/ 1	W	1 / 1 W									0 S						W		NEW-1; '04 Str. Flow <7Q10; TMDL FC Study APPROVED 4/27/01; '98 FC listed
W-L10R	**4AFGC002.52**	A	0 / 10	S	0	/ 10	S	0	/ 10	S	**5 / 11 IM**									0 S	0 S	0 S				S		**PWS; NEW-1; FC TMDL Study APPROVED; '04 Str. Flow <7Q10; 98 FC Listed**
W-L11R	02057060	USGS	0 / 3	S	0	/ 3	S	0	/ 3	IN	1 / 2 IN								0 S	0 S						IN		PWS; NEW-1; WQ-P; FC TMDL APPROVED 5/31/2002
W-L11R	0205706010	USGS	0 / 3	S	1	/ 3	IN	0	/ 3	S	0 / 3 W								0 S	0 S						S		PWS; NEW-1; WQ-P; FC TMDL APPROVED 5/31/2002
W-L11R	0205706020	USGS	0 / 3	S	0	/ 3	S	0	/ 3	S	0 / 1 W								0 S	0 S						S		PWS; NEW-1; WQ-P; FC TMDL APPROVED 5/31/2002
W-L11R	0205706030	USGS	0 / 3	S	0	/ 3	S	0	/ 3	S	0 / 1 W								0 S	0 S						S		PWS; NEW-1; WQ-P; FC TMDL APPROVED 5/31/2002
W-L11R	4AGIL004.46	A	0 / 2	S	0	/ 2	S	0	/ 2	S	0 / 2 S															S	W	PWS; NEW-1; WQ-P; FC TMDL APPROVED 5/31/2002
W-L11R	4AGIL005.06	C																				0 S						PWS; NEW-1; WQ-P; '99 Sed PCB only; FC TMDL APPROVED 5/31/2002
W-L11R	**4AGIL008.30**	A	0 / 27	S	0	/ 27	S	1	/ 27	S	**7 / 28 NA**			**8 / 17 IM**						0 S						S	S	PWS; NEW-1; WQ-P; '04 Str. Flow <7Q10; FC TMDL APPROVED 5/31/2002
W-L11R	4AGIL008.56	FPM	0 / 2	S	0	/ 2	S	0	/ 2	S	0 / 1 W			0 / 1 W						0 S	0 S	0 S			W	W	W	PWS; NEW-1; WQ-P; VAEQ99-151; FC TMDL APPROVED 5/31/2002
W-L11R	4AGIL009.21	B	0 / 1	W	0	/ 1	W	0	/ 1	W															O			PWS; NEW-1; WQ-P; 1 Bio Survey; FC TMDL APPROVED 5/31/2002
W-L11R	**4AGIL023.22**	A	0 / 25	S	0	/ 25	S	0	/ 25	S	**6 / 27 IM**									0 S	0 S	0 S				S	S	NEW-1; WQ-P; '04 Str. Flow <7Q10; FC TMDL APPROVED 5/31/2002
W-L11R	4AJOL000.24	B	0 / 1	W	0	/ 1	W	0	/ 1	W															NI			PWS; NEW-1; WQ-P; FC TMDL APPROVED 5/31/2002
W-L12L	4ABSA000.62-TL	A	0 / 74	S	0	/ 74	S	0	/ 26	S	0 / 25 S			0 / 4 S						0 S						S	S	PWS; NEW-1; TSI - CA [37.66] TP [38.51] SD [44.57]
W-L12L	**4ABSA000.62-BL**	A	0 / 330	S	**95 / 330 IM**	0	/ 37	S												0 S	0 S	0 S				S		PWS
W-L12L	4ABWR002.50-TL	A	0 / 74	S	0	/ 74	S	0	/ 26	S	0 / 26 S			0 / 4 S						0 S						S	S	PWS; NEW-1; TSI - CA [35.23] TP [37.35] SD [43.20]
W-L12L	**4ABWR002.50-BL**	A	0 / 446	S	**142 / 446 IM**	0	/ 37	S												0 S	1 O	0 S				S		PWS; AQ '98 Sed Ni
W-L12L	4ABWR010.55-TL	A	0 / 73	S	0	/ 73	S	0	/ 25	S	0 / 25 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [38.22] TP [38.51] SD [46.74]
W-L12L	**4ABWR010.55-BL**	A	0 / 288	S	**95 / 288 IM**	1	/ 37	S												0 S	0 S	0 S				S		PWS
W-L12L	**4ABWR010.92**	C																			2 O	0 S	0 S	**1 IM**				PWS; NEW-1; WQ-P; '02 FT OK; Sed As & Cr; '99 FT OK; Sed Cr in Sed; '98 FT PCB 1sp; Adjacent;
W-L12L	**4ABWR017.42-TL**	A	0 / 60	S	3	/ 60	S	1	/ 24	S	1 / 24 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [53.66] TP [53.20] SD [62.77]; pH de-list candidate 2004
W-L12L	**4ABWR017.42-BL**	A	0 / 48		**29 / 48 IM**	0	/ 8	S												0 S	0 S	0 S				O		PWS; AQ '98 Sed OK
W-L12L	**4ABWR019.75**	A,C	0 / 58	S	0	/ 58	S	0	/ 57	S	**15 / 59 IM**								0 S	0 S	0 S	0 S		**1 IM**		S	S	PWS; NEW-1; WQ-P; 93 FT PCB 2 sp data older than 5 yrs.; FC compl; 98 FC; Adjacent
W-L12L	4ACCK001.80-TL	A	0 / 104	S	0	/ 104	S	0	/ 26	S	0 / 27 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [34.13] TP [45.28] SD [44.13]
W-L12L	**4ACCK001.80-BL**	A	0 / 263	S	**66 / 263 IM**	0	/ 40	S												0 S	0 S	0 S				S		PWS
W-L12L	4ACOA000.60-TL	A	0 / 74	S	0	/ 74	S	1	/ 26	S	0 / 26 S			0 / 4 S						0 S						S	S	PWS; NEW-1; TSI - CA [35.10] TP [38.51] SD [42.84]
W-L12L	**4ACOA000.60-BL**	A	0 / 340	S	**99 / 340 IM**	0	/ 38	S												0 S	0 S	0 S				S		PWS
W-L12L	4AGIL002.39-TL	A	0 / 60	S	0	/ 74	S	1	/ 26	S	1 / 25 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [40.75] TP [40.57] SD [47.83]
W-L12L	**4AGIL002.39-BL**	A	0 / 143	S	**55 / 143 IM**	1	/ 22	S												0 S	0 S	0 S				S		PWS
W-L12L	4AROA158.22-TL	A	0 / 91	S	0	/ 91	S	0	/ 26	S	0 / 26 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [36.79] TP [39.42] SD [43.70]
W-L12L	**4AROA158.22-BL**	A	0 / 514	S	**124 / 514 IM**	0	/ 39	S												0 S	0 S	0 S				S		PWS; NEW-1; WQ-P
W-L12L	4AROA163.76-TL	A	0 / 86	S	0	/ 86	S	1	/ 26	S	1 / 28 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [36.51] TP [39.16] SD [44.84]
W-L12L	**4AROA163.76-BL**	A	0 / 421	S	**102 / 421 IM**	0	/ 42	S												0 S	0 S	0 S				S		PWS
W-L12L	**4AROA167.34-TL**	A	0 / 66	S	0	/ 66	S	**3 / 27 IM**			0 / 28 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [36.34] TP [44.72] SD [44.78]
W-L12L	**4AROA167.34-BL**	A	0 / 454	S	**149 / 454 IM**	0	/ 42	S												0 S	0 S	0 S				S		PWS
W-L12L	**4AROA175.63-TL**	A,C	0 / 72	S	0	/ 71	S	2	/ 28	S	0 / 28 S			0 / 6 S						0 S			0 S	**1 IM**		S	S	PWS; NEW-1; '02 FT PCB 1 sp ; 99 FT OK; 98 FT PCB 1sp; TSI - CA [47.33] TP [41.50] SD [52.28]
W-L12L	**4AROA175.63-BL**	A,C	0 / 342	S	**147 / 342 IM**	0	/ 43	S												0 S	1 O	0 S				S		PWS; NEW-1; WQ-P; '02 Sed OK; '99 Sed OK; AQ '99 Pb in Sed
W-L12L	**4AROA180.21-TL**	A	0 / 76	S	2	/ 76	S	**4 / 28 IM**			0 / 28 S			0 / 6 S						0 S						S	S	PWS; NEW-1; TSI - CA [53.53] TP [46.35] SD [56.32]
W-L12L	**4AROA180.21-BL**	A	0 / 314	S	**159 / 314 IM**	0	/ 40	S												0 S	0 S	0 S				O		PWS
W-L12L	**4AROA183.64-TL**	A	0 / 76	S	0	/ 76	S	**5 / 28 IM**			1 / 28 S			0 / 6 S						0 S						S	S	PWS; NEW-1; TSI - CA [56.63] TP [49.15] SD [56.78]
W-L12L	**4AROA183.64-BL**	A	0 / 239	S	**158 / 240 IM**	0	/ 42	S												0 S	0 S	0 S				O		PWS; WQ-P
W-L12L	**4AROA192.55-TL**	A	0 / 60	S	0	/ 60	S	1	/ 59	S	**13 / 56 IM**									0 S						O		PWS; NEW-1; TSI - CA [66.32] TP [63.89] SD [No Readings]
W-L12L	**4AROA192.94-TL**	A	0 / 70	S	2	/ 70	S	1	/ 28	S	**3 / 28 IM**			0 / 6 S						0 S						O	S	PWS; NEW-1; TSI - CA [61.33] TP [60.75] SD [65.66]- not stratified.
W-L12L	4AROA192.94-BL	A																		0 S	0 S	0 S						PWS
W-L12L	**4AROA196.05-TL**	A,C	0 / 56	S	1	/ 56	S	0	/ 28	S	**4 / 28 IM**			1 / 6 IN						0 S			0 S	**1 IM**		O	S	PWS; NEW-1; '02 FT 4 sp; '99 FT PCB 4sp; Pb detect 1 sp; TSI - CA [39.90] TP [65.85] SD [64.94]
W-L12L	4AROA196.05-BL	A,C																			0 S	0 S						PWS; NEW-1; WQ-P
W-L12L	4AWTH000.40-TL	A	0 / 65	S	0	/ 65	S	0	/ 28	S	0 / 27 S			0 / 3 S						0 S						S	S	PWS; NEW-1; TSI - CA [35.01] TP [37.35] SD [44.33]
W-L12L	**4AWTH000.40-BL**	A	0 / 157	S	**107 / 454 IM**	0	/ 40	S												0 S	0 S	0 S				S		PWS
W-L13L	4AOWC001.00	C																						0 S				PWS; '99 & 98 FT OK
W-L13L	**4AROA140.66-TL**	A,C	0 / 31	S	0	/ 30	S	**3 / 19 IM**			0 / 19 S									0 S			0 S	0 S		S	S	PWS; '99 & 98 FT OK; TSI - CA [44.73] TP [41.14] SD [48.86]
W-L13L	**4AROA140.66-BL**	A,C	0 / 134	S	**63 / 132 IM**	0	/ 32	S												0 S	0 S	0 S				S		PWS; '99 Sed
W-L13L	4AROA145.34-TL	A	0 / 30	S	0	/ 29	S	0	/ 17	S	1 / 18 S									0 S						S	S	PWS; TSI - CA [46.86] TP [41.50] SD [50.28]
W-L13L	**4AROA145.34-BL**	A	0 / 86	S	**14 / 85 IM**	0	/ 23	S												0 S						S		
W-L13L	4AROA153.59-TL	A	0 / 28	S	1	/ 27	S	0	/ 18	S	0 / 17 S									0 S						S	S	PWS; TSI - CA [44.26] TP [47.35] SD [59.30]
W-L13L	4AROA153.59-BL	A																										
W-L13R	4AOWC004.37	FPM	0 / 2	S	0	/ 2	S	0	/ 2	S	0 / 1 W									0 S	0 S	0 S			W	W	W	VAEQ99-016
W-L13R	4AOWC004.61	B	0 / 1	W	0	/ 1	W	0	/ 1	W															SI			Single '01 Survey
W-L13R	**4AOWC005.36**	A,B	0 / 19	S	0	/ 19	S	0	/ 19	S	**3 / 17 IM**									0 S	0 S	0 S			NI	S		1998 Attach. B; Single '01 Survey
W-L14R	4APGG048.81	C																			0 S	0 S	0 S	0 S				99 FT/Sed
W-L14R	**4APGG052.73**	A	0 / 59	S	0	/ 59	S	1	/ 58	S	**15 / 57 IM**									0 S	0 S	0 S				S	S	04 Str. Flow <7Q10
W-L14R	4APGG057.84	B	0 / 1	W	0	/ 1	W	0	/ 1	W									0 S									04 Str. Flow <7Q10
W-L14R	**4APGG068.49**	A	0 / 9	S	0	/ 9	S	0	/ 9	S	**3 / 9 IM**									0 S						S	S	
W-L14R	4APGG073.68	B	0 / 3	S	0	/ 3	S	0	/ 3	S															NI			
W-L14R	**4APGG074.87**	A	0 / 9	S	0	/ 9	S	0	/ 9	S	**4 / 9 IM**									0 S						S	S	
W-L14R	4ASDA007.24	A	0 / 9	S	0	/ 9	S	0	/ 9	S	1 / 8 IN									0 S						O	S	
W-L14R	**4ASDA009.77**	A	0 / 38	S	0	/ 38	S	1	/ 37	S	**13 / 37 IM**									0 S	0 S	0 S				O		04 Str. Flow <7Q10
W-L14R	**4ASDA009.79**	A	0 / 26	S	0	/ 26	S	0	/ 26	S	**13 / 24 IM**								0 S	0 S	0 S	0 S				S	S	
W-L15R	4ACNT001.20	C																				0 S						99 PCB Sed only
W-L15R	**4ACNT001.32**	A,B	0 / 19	S	0	/ 19	S	0	/ 18	S	**2 / 17 IM**									0 S	0 S	0 S			NI	S		04 Str. Flow <7Q10

Roanoke River Basin

Monitoring Station List for 2004 305(b) and 303(d) Integrated Report

			CONVENTIONAL WATER COLUMN						BACTERIA DATA						WATER COLUMN		SEDIMENT		FISH TISSUE		BENTHIC	NUTRIENTS		Bold/Shaded = Impaired Waters
			MONITORING DATA																					Pink = Observed Effects
			#Violations/# Samples/Status						#Violations/# Samples/Status						#Violations/Status		#Violations/Status		#Violations/Status		Status	Status	Status	
WBID	Monitoring Station	Type	Temperature	Dissolved Oxygen	pH	Fecal Coliform	E. Coli	Enterococci	Metals	Other Toxics	Metals	Other Toxics	Metals	Other Toxics	Bio Mon	T.P	CHL A	Comments
W-L15R	4ACTO001.01	FPM	0 / 2 S	0 / 2 S	0 / 2 S	0 / 1 W	0 / 1 W			0 S	0 S	0 S			W	W	W	VAEQ99-206
W-L15R	4ALNT001.00	FPM	0 / 2 S	0 / 2 S	0 / 2 S	1 / 1 W	1 / 1 W			0 S	0 S	0 S			W	W	W	VAEQ99-201
W-L16R	**4APGG030.62**	A	0 / 27 S	0 / 27 S	0 / 27 S	**7 / 27 IM**				0 S	0 S	0 S				S	S	
W-L17R	**4ASNW000.60**	A,C	0 / 18 S	0 / 18 S	0 / 18 S	**3 / 17 IM**				0 S	0 S	0 S				S		99 PCB Sed only
W-L17R	4APAA000.24	FPM	0 / 2 S	0 / 2 S	0 / 2 S	0 / 1 W				0 S	0 S	0 S			W	W	W	VAEQ99-046
W-L17R	4ASNW010.08	B	0 / 1 W	0 / 1 W	0 / 1 W										NI			
W-L18R	**4APGG003.29**	A,C	0 / 18 S	0 / 18 S	0 / 18 S	**4 / 18 IM**				0 S	0 S	0 S	0 S	0 S		S		99 FT/Sed;
C-L19R	4ALYH000.02	SS										1 O						PWS; 99 Sed Only PCB
C-L19R	4ALYH000.22	SS										1 O						2000 PCB Altavista/Hurt Soil & Sediment SS
C-L19R	4ALYH000.26	SS										1 O						2000 PCB Altavista/Hurt Soil & Sediment SS
C-L19R	4ALYH000.33	SS										1 O						2000 PCB Altavista/Hurt Soil & Sediment SS
C-L19R	4ALYH000.37	SS										0 S						2000 PCB Altavista/Hurt Soil & Sediment SS
C-L19R	4ARAB000.05	SS										0 S						PWS; 99 Sed Only
C-L19R	4AROA128.27	B,SS	0 / 2 S	0 / 1 W	0 / 2 S										NI			PWS; Roanoke (Staunton) River Low Flow
C-L19R	4AROA128.97	B,SS	0 / 2 S	0 / 2 S	0 / 2 S										NI			PWS; Roanoke (Staunton) River Low Flow
C-L19R	4AROA128.98	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L19R	**4AROA129.55**	A, C	0 / 27 S	0 / 27 S	0 / 27 S	**4 / 27 IM**					0 S	0 S	0 S	0 S		S		PWS; VDH Fish Adv.; 02 FT/Sed
C-L19R	4AROA134.35	FPM	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W				0 S	0 S	0 S			W	W	W	PWS; 2002 Probabilistic Monitoring
C-L19R	**4AROA137.00**	C,SS												**1 IM**				PWS; VDH Fish Adv.; 98 FT/Sed 4 Sp. PCBs
C-L19R	4ASCE000.24	SS										0 S						PWS; 99 Sed Only
C-L19R	4ASCE000.26	A	0 / 28 S	0 / 28 S	0 / 28 S	2 / 28 S										S		PWS
C-L19R	4AXCN000.20	SS										0 S						PWS; 99 Sed Only
C-L19R	4AXLN000.05	SS										5 O						PWS; 99 Sed Only; PCB, C-Dane, DDT
C-L19R	4AXLN000.25	SS										1 O						2000 PCB Altavista/Hurt Soil & Sediment SS
C-L19R	4AFRZ000.20	A	0 / 5 S	0 / 5 S	0 / 5 S	0 / 5 S				0 S	0 S	0 S				S		PWS
W-L20R	4ADAY003.97	B	0 / 1 W	0 / 1 W	0 / 1 W										NI			PWS; '02 survey
W-L20R	4AGNE000.16	SS										0 S						PWS; '99 PCB Sed only
W-L20R	**4AGSE037.78**	A	0 / 17 S	0 / 17 S	1 / 17 S	**3 / 18 IM**					0 S	0 S				S		PWS; '04 Str. Flow <7Q10
W-L20R	4AGSF002.16	C									0 S	0 S	0 S	0 S				PWS; '02 FT/Sed; Pb detected 1 sp
W-L20R	4AGSF002.60	A	0 / 1 W	0 / 1 W	0 / 1 W				0 S	0 S								PWS; '04 Str. Flow <7Q10
W-L21R	**4AGSE022.55**	A	0 / 17 S	0 / 17 S	0 / 17 S	**2 / 18 IM**				0 S	0 S	0 S				S		PWS; '04 Str. Flow <7Q10
W-L22R	**4AGSE000.20**	A,C	0 / 17 S	0 / 17 S	0 / 17 S	**3 / 18 IM**				0 S	0 S	0 S				S		PWS; AQ Sed & '98 Sed PCB only; '04 Str. Flow <7Q10
W-L22R	4AGSE013.78	C									0 S	0 S	0 S	0 S				PWS; '99 FT/Sed OK
W-L23R	4ABOR033.41	TM	0 / 2 W	0 / 2 S	0 / 2 S	1 / 2 IN				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ABOR033.41	TM				2 / 2 W												PWS; TMDL stirred Bot obs; FC TMDL Study APPROVED 2/2/01
W-L23R	**4ABOR041.27**	TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ABOR041.27	TM				2 / 2 W										W		PWS; TMDL stirred Bot obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ACMP000.88	TM	0 / 2 S	0 / 2 S	0 / 2 S	1 / 2 IN										S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ACMP000.88	TM				2 / 2 W												PWS; TMDL stirred Bot obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ALSA001.40	A	0 / 5 S	0 / 5 S	0 / 5 S	1 / 9 IN				0 S						S	S	PWS; TMDL Study APPROVED 2/2/01; '04 Str. Flow <7Q10
W-L23R	4ASCB000.16	TM	0 / 2 S	0 / 2 S	0 / 2 S	0 / 2 S				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ASCB000.16	TM				1 / 2 IN												PWS; TMDL stirred Bot obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ASCB000.18	B	0 / 1 W	0 / 1 W	0 / 1 W										NI			PWS; FC TMDL Study APPROVED 2/2/01
W-L23R	4ASCB002.30	TM	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W										W		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4ASCB002.30	TM	/	/	/	0 / 1 W												PWS; TMDL stirred Bot obs; FC TMDL Study APPROVED 2/2/01
W-L23R	**4ASEE003.16**	A	0 / 25 S	0 / 25 S	0 / 25 S	**10 / 27 IM**				0 S	0 S	0 S				S	S	PWS; Incl 1 TMDL Sur obs; FC TMDL Study APPROVED 2/2/01; '04 Str. Flow <7Q10
W-L23R	4ASEE003.16	TM				2 / 2 W												PWS; TMDL stirred Bot obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4AXMB000.18	TM	0 / 1 W	0 / 1 W	0 / 1 W	1 / 1 W				0 S						W		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L23R	4AXMB000.18	TM				1 / 1 W												PWS; TMDL stirred Bot obs; FC TMDL Study APPROVED 2/2/01
W-L24R	**4ANOT001.06**	A,TM	0 / 24 S	0 / 24 S	0 / 24 S	**10 / 28 IM**				0 S	0 S	0 S				S	S	PWS; **'04 Str Flow <7Q10**; Incls 2 TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L24R	4ANOT001.06	TM				1 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L24R	4ANOT004.22	B	0 / 1 W	0 / 1 W	0 / 1 W										NI			PWS; FC TMDL Study APPROVED 2/2/01
W-L24R	4AOSL000.18	TM	0 / 2 S	0 / 2 S	0 / 2 S	1 / 1 W				0 S						W		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L24R	4AOSL000.18	TM				1 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L24R	5575	USFS													SI			PWS; Single Survey '98 (MAIS 16 G) FC TMDL Study APPROVED 2/2/01
W-L25R	**4ABOR024.46**	TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/2/01
W-L25R	4ABOR024.46	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L25R	4ABOR024.91	C										0 S						PWS; '99 Sed PCB only; FC TMDL Study APPROVED 2/02/01
W-L25R	**4ABOR029.74**	TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L25R	4ABOR029.74	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L25R	**4AECR003.02**	A,TM	0 / 19 S	0 / 19 S	0 / 19 S	**8 / 20 IM**				0 S	0 S	0 S				O		PWS; Incls 2 TMDL Sur obs; '04 Str. Flow <7Q10; FC TMDL Study APPROVED 2/02/01
W-L25R	4AECR003.02	TM				2 / 2 W												PWS; Incls 2 TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L25R	**4AECR007.62**	TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						IN		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L25R	4AECR007.62	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L25R	4AECR016.99	TM	0 / 1 W	0 / 1 W	0 / 1 W	1 / 1 W				0 S						W		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L25R	4AECR016.99	TM				1 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	**4AJHN000.01**	B,TM	0 / 2 S	0 / 2 S	0 / 2 S	1 / 2 IN				0 S					**MI**	S		PWS; Incl 2 TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4AJHN000.01	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	**4ALOR007.94**	C									0 S	0 S	0 S	**1 IM**				**PWS; 99 & 02 FT/Sed; 99 PCB 2 sp; 99 Pb detected 1 sp**
W-L26R	**4ALOR008.64**	A,TM	0 / 48 S	0 / 48 S	0 / 48 S	**23 / 52 IM**			0 S	0 S	0 S	0 S				O	S	PWS; Incl 2 TMDL Sur obs; Aq in Sed; '04 Str. Flow <7Q10; FC TMDL Study APPROVED 2/02/01
W-L26R	4ALOR008.64	TM				1 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	**4ALOR010.78**	A,TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						IN		PWS; AQ Discont'd 6/96- Incl. 2 TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4ALOR010.78	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	**4ALOR014.33**	B,TM	0 / 3 S	0 / 3 S	0 / 3 S	**2 / 2 IM**				0 S					**MI**	S		PWS; Incl 2 TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4ALOR014.33	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	**4ALOR014.75**	A,B,TM	0 / 65 S	0 / 65 S	0 / 65 S	**16 / 64 IM**			0 S	0 S	0 S	0 S			NI	S	S	PWS; Incl 1 TMDL Sur obs; '04 Str. Flow <7Q10
W-L26R	4ALOR014.75	TM				0 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	**4ALOR018.96**	TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4ALOR018.96	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	**4ALOR021.92**	TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4ALOR021.92	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4ALOR025.59	SS				0 / 1 W												PWS; Public TMDL request; '04 Str. Flow <7Q10; FC TMDL Study APPROVED 2/02/01
W-L26R	4ALOR026.73	SS				0 / 1 W												PWS; Public TMDL request; '04 Str. Flow <7Q10; FC TMDL Study APPROVED 2/02/01
W-L26R	**4AMCR004.60**	A,TM	0 / 14 S	0 / 14 S	0 / 14 S	**6 / 16 IM**				0 S						S	S	PWS; AQ Disct'd 6/96; 2 TMDL Sur obs; '04 Str. Flow <7Q10; FC TMDL Study APPROVED 2/02/01
W-L26R	4AMCR004.60	TM				1 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4AWEL001.14	TM	0 / 1 W	0 / 1 W	0 / 1 W	1 / 1 W				0 S						W		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4AWEL001.14	TM				1 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L26R	4AXMQ000.07	SS				1 / 1 W												PWS; SS Requested by Public; FC TMDL Study APPROVED 2/02/2001
W-L26R	4AXMR000.46	SS				0 / 1 W												PWS; SS Requested by Public; FC TMDL Study APPROVED 2/02/2001
W-L27R	**4ABOR016.26**	A,TM	0 / 18 S	0 / 18 S	0 / 16 S	**3 / 17 IM**				0 S	0 S	0 S				S		PWS; Incl 1 TMDL Sur obs; '04 Str. Flow <7Q10; FC TMDL Study APPROVED 2/02/01; '99 FT "O" 4ABOR012.18

Roanoke River Basin
Monitoring Station List for 2004 305(b) and 303(d) Integrated Report

Bold/Shaded = Impaired Waters
Pink = Observed Effects

Conventional Water Column Monitoring Data: #Violations/# Samples/Status. Bacteria Data: #Violations/# Samples/Status. Water Column, Sediment, Fish Tissue: #Violations/Status. Benthic: Status. Nutrients: Status.

WBID	Monitoring Station	Type	Temperature	Dissolved Oxygen	pH	Fecal Coliform	E. Coli	Enterococci	Water Column Metals	Water Column Other Toxics	Sediment Metals	Sediment Other Toxics	Fish Tissue Metals	Fish Tissue Other Toxics	Benthic Bio Mon	Nutrients T.P	Nutrients CHL A	Comments
W-L27R	4ABOR016.26	TM				1 / 2 IN												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L27R	4ABWA002.00	B													NI			PWS; Single RBPII Survey; FC TMDL Study APPROVED 2/2/01
W-L27R	4ABWA007.87	TM	0 / 1 W	0 / 1 W	0 / 1 W	1 / 1 W												PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L27R	4ABWA007.87	TM				1 / 1 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
W-L27R	**4AFNG001.06**	TM	0 / 2 S	0 / 2 S	0 / 2 S	**2 / 2 IM**				0 S						S		PWS; TMDL Sur obs; FC TMDL Study APPROVED 2/02/01
W-L27R	4AFNG001.06	TM				2 / 2 W												PWS; TMDL Bot obs; FC TMDL Study APPROVED 2/02/01
C-L28R	4ABOR000.20	SS									0 S	0 S						PWS; Fall 98 Sed
C-L28R	**4ABOR000.62 TL**	A,TM	0 / 55 S	0 / 55 S	0 / 55 S	**14 / 53 IM**				0 S						S	S	PWS; Includes 1 TMDL Surface Observation; Big Otter FC TMDL Approved
C-L28R	4ABOR000.62 BL	TM				0 / 1 W												PWS; TMDL Bottom Observation; Big Otter FC TMDL Approved
C-L28R	4ABOR008.32 TL	TM	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W				0 S						W		PWS; TMDL Surface Observation; Big Otter FC TMDL Approved
C-L28R	4ABOR008.32 BL	TM				1 / 1 W												PWS; TMDL Bottom Observation; Big Otter FC TMDL Approved
C-L28R	4ABOR012.18	C,SS									0 S	0 S	0 S	1 O				PWS; 99 FT/Sed, PCB 1 Sp & Pb detected 1 Sp
C-L28R	4AJNS000.64 TL	TM				1 / 1 W										W		PWS; TMDL Surface Observation; Big Otter FC TMDL Approved
C-L28R	4AJNS000.64 BL	TM				0 / 1 W												PWS; TMDL Bottom Observation; Big Otter FC TMDL Approved
C-L28R	4ATBL000.40 TL	TM	0 / 1 W	0 / 1 W	0 / 1 W	1 / 1 W				0 S						W		PWS; TMDL Surface Observation; Big Otter FC TMDL Approved
C-L28R	4ATBL000.40 BL	TM				1 / 1 W												PWS; TMDL Bottom Observation; Big Otter FC TMDL Approved
C-L28R	4ATDY000.28 TL	TM				1 / 1 W										W		PWS; TMDL Surface Observation; Big Otter FC TMDL Approved
C-L28R	4ATDY000.28 BL	TM				1 / 1 W												PWS; TMDL Bottom Observation; Big Otter FC TMDL Approved
C-L28R	4AXMA000.85 TL	TM				1 / 1 W										W		PWS; TMDL Surface Observation; Big Otter FC TMDL Approved
C-L28R	4AXMA000.85 BL	TM				1 / 1 W												PWS; TMDL Bottom Observation; Big Otter FC TMDL Approved
C-L29R	4AFCA001.40	A,B,TM	0 / 30 S	0 / 30 S	0 / 29 S	2 / 27 S				0 S	0 S	0 S			NI	S	S	PWS; Includes 1 TMDL Surface Observation; Big Otter FC TMDL Approved
C-L29R	4AFCA001.40	TM				0 / 1 W												PWS; TMDL Bottom Observation; Big Otter FC TMDL Approved
C-L30R	4ABHA000.33	SS										0 S						PWS; 99 Sed Only
C-L30R	4ABHE001.01	SS										0 S						PWS; 99 Sed Only
C-L30R	4ACRE002.52	A	0 / 18 S	0 / 18 S	0 / 18 S	1 / 19 S										S		PWS
C-L30R	4ACRE002.60	SS										0 S						PWS; 99 Sed Only
C-L30R	4AHIL000.60	SS										0 S						PWS; 99 Sed Only
C-L30R	4ALNA001.00	SS										0 S						PWS; 99 Sed Only
C-L30R	4AMRC000.39	SS										0 S						PWS; 99 Sed Only
C-L30R	4AROA094.54	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA094.67	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA094.68	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA095.90	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA095.95	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA096.05	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA096.10	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA096.34	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA096.35	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	**4AROA096.62**	C												**2 IM**				PWS; VDH Fish Adv.; 00 FT - PCB 2 separate samples.
C-L30R	4AROA096.65	SS										4 O						PWS; VDH Fish Adv.; 99 Sed Only, PCB, C-Dane, Total DDT & DDE
C-L30R	4AROA096.66	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	4AROA097.06N	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	**4AROA097.07**	C,SS									0 S	1 O	0 S	**2 IM**				PWS; VDH Fish Adv.; 02 FT/Sed, PCB 9 Sp. & 99 Sed & 98 FT/Sed PCB 8 Sp.
C-L30R	4AROA097.07S	SS										0 S						PWS; VDH Fish Adv.; 99 Sed Only
C-L30R	**4AROA097.46**	A,B,SS	0 / 55 S	0 / 55 S	0 / 55 S	**9 / 51 IM**				0 S	0 S	0 S			NI	S	S	PWS; VDH Fish Advisory; Staunton (Roanoke) River Low Flow Study
C-L30R	4AROA107.43	B,SS	0 / 1 W	0 / 1 W	0 / 1 W										NI			PWS; VDH Fish Advisory; Staunton (Roanoke) River Low Flow Study
C-L30R	**4AROA108.09**	A,C,SS	0 / 14 S	0 / 14 S	0 / 14 S	**2 / 14 IM**				0 S	0 S	0 S		**1 IM**		S	S	PWS; 98 FT/Sed PCB 6 Sp., C-Dane 1 Sp., H epoxide 2 Sp.
C-L30R	4AROA116.76	B,SS													NI			Staunton (Roanoke) River Low Flow Study
C-L30R	**4AROA117.09**	C,SS									0 S	0 S	0 S	**2 IM**				PWS; 98 FT PCB 4 Sp. & 99 FT/Sed PCB 3 Sp., H epoxide 2 Sp.
C-L30R	4AROA123.85	B,SS													NI			Staunton (Roanoke) River Low Flow Study
C-L30R	**4AROA124.59**	A	0 / 12 S	0 / 12 S	0 / 12 S	**2 / 12 IM**										S		PWS; VDH Fish Advisory
C-L30R	**4AROA125.59**	C,SS										0 S		**1 IM**				PWS; VDH Fish Advisory; 98 FT/Sed PCB 6 Sp. & 99 Sed
C-L30R	4ASSC002.85	SS										0 S						PWS; 99 Sed Only
C-L30R	4ATAB000.05	SS										0 S						PWS; 99 Sed Only
C-L30R	4AWPP000.60	SS										0 S						PWS; 99 Sed Only
C-L30R	4AXMH001.30	SS										0 S						PWS; 99 Sed Only
C-L30R	4AZZZ095.38	SS										0 S						PWS; Brookneal Follow-up
C-L30R	4AZZZ096.27	SS										0 S						PWS; Brookneal Follow-up
C-L30R	4AZZZ096.71	SS										0 S						PWS; Brookneal Follow-up
C-L30R	4AZZZ097.07	SS										0 S						PWS; Brookneal Follow-up
C-L30R	4AZZZ097.08	SS										0 S						PWS; Brookneal Follow-up
C-L31R	4ASEN000.18	SS																PWS; 99 Sed Only
C-L31R	**4ASEN000.40**	A	0 / 26 S	0 / 26 S	0 / 25 S	**3 / 26 IM**										S		Ambient Sediment Sample
C-L32R	4AFRV025.34	TM	0 / 1 W	0 / 1 W	0 / 1 W													2004 Falling River TMDL Station
C-L32R	4AFRV029.24	TM	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W											2004 Falling River TMDL Station
C-L33R	4ABTF002.16	TM	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W											2004 Falling River TMDL Station
C-L33R	4AFSF000.66	TM	0 / 1 W	0 / 1 W	0 / 1 W													2004 Falling River TMDL Station
C-L34R	4APLP000.40	A	0 / 10 S	1 / 10 S	0 / 10 S	1 / 10 S				0 S						S	S	
C-L34L	4APLP000.45-TL	L	0 / 13 S	1 / 13 S	0 / 13 S	0 / 7 S				0 S						S	S	2002 Brookneal Reservoir
C-L34L	**4APLP000.45-BL**	L	0 / 20 S	**19 / 20 IM**	0 / 15 S													Natural Impairment
C-L34R	**4AFRV002.78**	A, TM	0 / 27 S	0 / 27 S	0 / 26 S	**3 / 26 IM**				0 S						S		PWS; 2004 Falling River TMDL Station; Ambient Sediment Sample
C-L34R	4AFRV003.12	SS										0 S						PWS; 99 Sed Only
C-L34R	**4AFRV010.99**	A,TM,C,SS	0 / 10 S	0 / 10 S	0 / 10 S	**2 / 10 IM**	0 / 1 W				0 S	0 S	0 S	0 S				2004 Falling River TMDL Station; 99 FT/Sed
C-L34R	4ALRV005.17	TM	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W	0 / 1 W											2004 Falling River TMDL Station
C-L34R	**4AFRV017.71**	A, TM	0 / 27 S	0 / 27 S	0 / 26 S	**4 / 27 IM**	0 / 1 W									S		2004 Falling River TMDL Station
C-L35R	4AMEY000.40	TM	0 / 1 W	0 / 1 W	0 / 1 W	1 / 1 W	1 / 1 W											2004 Falling River TMDL Station
C-L35R	4AMEY010.46	TM	0 / 1 W	0 / 1 W	0 / 1 W	1 / 1 W	0 / 1 W											2004 Falling River TMDL Station
C-L35R	**4AMEY016.00**	TM, A	0 / 27 S	0 / 27 S	0 / 27 S	**7 / 26 IM**	0 / 1 W									O		6/26 Violation Rate TP Observed Effects; 2004 Falling River TMDL Station
C-L36R	**4ATIP002.55**	A	0 / 27 S	0 / 27 S	0 / 27 S	**8 / 28 IM**										S		
C-L37R	**4ACUB010.96**	A	0 / 21 S	0 / 21 S	0 / 21 S	**8 / 21 IM**										S		
C-L38R	**4AROA067.91**	A,SS	0 / 29 S	0 / 29 S	0 / 29 S	**4 / 29 IM**								**1 IM**		S		99 PCB 3 Species
C-L39R	4AACC001.15	SS	0 / 4 S	0 / 4 S	0 / 4 S	1 / 4 IN				0 S						S		**FC GM 0/2 Violation Rate -** Ash Camp Creek Source Assessment
C-L39R	4AACC001.75	FPM	0 / 2 S	0 / 2 S	0 / 2 S	1 / 1 W	1 / 1 W			0 S	0 S	0 S			IN	IN	IN	2002 Probabilistic Monitoring
C-L39R	**4AACC002.60**	B, SS	0 / 8 S	0 / 8 S	0 / 8 S	**4 / 7 IM**				0 S					SI	S		Observed Effects Benthics; **FC GM 2/3 Violation Rate -** Ash Camp Creek Source Assessment
C-L39R	4AACC004.87	B, SS	0 / 8 S	0 / 8 S	0 / 8 S	**2 / 6 IM**									NI	S		**FC GM 0/2 Violation Rate -** Ash Camp Creek Source Assessment
C-L39R	**4AACC007.62**	B	0 / 2 S	0 / 2 S	0 / 2 S										**MI**			50 yards below Keysville STP discharge
C-L39R	**4AHEN002.16**	A	0 / 25 S	0 / 25 S	0 / 25 S	**3 / 25 IM**										S		Flow below 7Q10 on 6-25-02 & 8-12-02 Reference Gage 02065500; Ambient Sediment Sample
C-L39R	4AHEN004.74	FPM	0 / 2 S	1 / 2 IN	0 / 2 S	0 / 1 W				0 S	0 S	0 S			IN	IN	IN	2001 Probabilistic Monitoring
C-L39R	4ALRO003.34	A	0 / 23 S	0 / 23 S	0 / 23 S	2 / 24 S										S		Flow below 7Q10 on 6-25-02 & 8-12-02 (02065500) , 8-18-99 (02064000 & 02066000)
C-L39R	**4ATWT003.36**	B	0 / 3 S	0 / 3 S	0 / 3 S										**MI**			
C-L39R	**4ATWT006.40**	B	0 / 3 S	0 / 3 S	0 / 3 S										**MI**			

Roanoke River Basin

Monitoring Station List for 2004 305(b) and 303(d) Integrated Report

			CONVENTIONAL WATER COLUMN									BACTERIA DATA									WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS		Bold/Shaded = Impaired Waters
			MONITORING DATA																																		Pink = Observed Effects
			#Violations/# Samples/Status									#Violations/# Samples/Status									#Violations/Status				#Violations/Status				#Violations/Status				Status	Status	Status	
	Monitoring				Dissolved							Fecal											Other				Other				Other		Bio				
WBID	Station	Type	Temperature			Oxygen			pH			Coliform			E. Coli			Enterococci			Metals		Toxics		Metals		Toxics		Metals		Toxics		Mon	T.P	CHL A	Comments
C-L39R	4ATWT008.59	B	0 / 2	S	0	/ 2	S	0	/ 2	S																							NI			Reference Station
C-L39R	**4AWFC002.12**	A	0 / 24	S	0	/ 24	S	0	/ 24	S	**3**	**/ 28**	**IM**																							Flow below 7Q10 on 6-25-02 & 8-12-02 (02065500) , 8-18-99 (02064000 & 02066000); Last 2-yr assessment 1/10
C-L39R	4AROC005.35	A	0 / 7	S	0	/ 7	S	0	/ 7	S	0	/ 7	S																					S		Flow below 7Q10 on 6-25-02 & 8-12-02 Reference Gage 02065500
C-L39R	4ASRN005.14	L	0 / 32	S	3	/ 32	S	0	/ 32	S	0	/ 7	S										0	S	0	S	0	S						S	IN	2001-2002 Keysville Reservoir, Chl a 1/4 - Violation Rate
C-L39R	4AMWF*-2-CVW	CMON	0 / 19	IN	0	/ 18	IN	0	/ 19	IN																										
C-L39R	4AMWF*-1-CVW	CMON	0 / 19	IN	0	/ 18	IN	0	/ 19	IN																										
C-L39R	4AMWF*-5-CVW	CMON	0 / 19	IN	0	/ 18	IN	0	/ 19	IN																										
C-L39R	4AWWF*-3-CVW	CMON	0 / 19	IN	0	/ 18	IN	0	/ 19	IN																										
C-L39R	4AWWF*-4-CVW	CMON	0 / 18	IN	0	/ 17	IN	0	/ 19	IN																										
C-L40R	**4ABES001.21**	SS	0 / 9	S	1	/ 9	IN	0	/ 9	S	**4**	**/ 9**	**IM**										0	S										S		Hog Farm Special Study
C-L40R	**4ABNN001.85**	SS	0 / 9	S	0	/ 9	S	1	/ 9	IN	**4**	**/ 10**	**IM**										0	S										S		Hog Farm Special Study
C-L40R	**4AROA059.12**	A,SS	0 / 47	S	0	/ 47	S	1	/ 47	S	**7**	**/ 47**	**IM**										0	S	0	S	0	S	0	S	**2**	**IM**		S	S	98 FT PCB 4 Sp. &02 FT/Sed PCB 8 Sp., Hg 2 Sp., Pb detected 1 Sp.
C-L40R	**4ASLA002.69**	SS	0 / 9	S	0	/ 9	S	0	/ 9	S	**2**	**/ 10**	**IM**										0	S										O		Hog Farm Special Study; Observed Effects T.P. Violation Rate 2/10
C-L40R	**4AXMC000.54**	SS	0 / 9	S	0	/ 9	S	1	/ 9	IN	**5**	**/ 10**	**IM**										0	S										S		Hog Farm Special Study
C-L41R	4ADFF002.02	A	0 / 27	S	0	/ 27	S	0	/ 27	S	3	/ 29	S																					S		EPA Delist
C-L41R	4ADFF004.90	SS	0 / 8	S	0	/ 8	S	1	/ 8	IN	2	/ 8	IN																					S		Insufficient Upstream Data; Hog Farm Special Study - additional data being collected
C-L41R	4ADFF009.01	SS	0 / 8	S	0	/ 8	S	1	/ 8	IN	2	/ 8	IN																					S		Insufficient Upstream Data; Hog Farm Special Study - additional data being collected
C-L41R	4ADIF002.02	SS																									0	S								PWS; 99 Sed Only
W-L42L	4ADAN196.09-TL	A	0 / 1	W	0	/ 1	W	0	/ 1	W	0	/ 1	W										0	S										W		
W-L42L	4ADAN196.09-BL	A	0 / 1	W	1	/ 1	W	0	/ 1	W															0	S	0	S								
W-L42R	**4ADAN169.57**	A	**1 / 11**	**IM**	0	/ 11	S	0	/ 10	S	0	/ 11	S										0	S	0	S	0	S						S		2002 Cycle °C Class V; All exceeds occur in July
W-L42R	4ADAN183.83	C																							0	S	0	S	0	S	0	S				99 FT/Pb detected 1 sp; Sed OK
W-L42R	4ADAN-SOS	CMON																															LP			SOS Single 2000 Survey Traditional Meth. (1 Good)
W-L42R	4ALDR001.00	C																									0	S								99 Sed only - Ok
W-L42R	4APRS008.76	C																									0	S								99 Sed only - Ok
W-L43R	**4ASMR016.09**	A	0 / 24	S	0	/ 24	S	0	/ 23	S	**5**	**/ 26**	**IM**	1	/ 3	IN							0	S	0	S	0	S						S	S	04 Str. Flow <7Q10
W-L43R	**4ASMR027.44**	A	0 / 7	S	0	/ 7	S	0	/ 7	S	**2**	**/ 9**	**IM**										0	S										S	S	04 Str. Flow <7Q10
W-L43R	**4ASMR033.98**	A	2 / 19	S	0	/ 19	S	0	/ 18	S	**5**	**/ 20**	**IM**								0	S	0	S	0	S	0	S						S	S	PWS; '04 Str. Flow <7Q10
W-L43R	4ASNF007.64	FPM	0 / 4	S	0	/ 4	S	0	/ 4	S	0	/ 2	S	0	/ 1	W							0	S	0	S	0	S					W	S	W	VAEQ99-051
W-L44R	**4ASOO003.12**	A	0 / 17	S	0	/ 17	S	0	/ 16	S	**3**	**/ 16**	**IM**										0	S	0	S	0	S						S		
W-L45R	**4ASMR004.14**	A	0 / 17	S	0	/ 17	S	0	/ 17	S	**2**	**/ 16**	**IM**										0	S	0	S	0	S						S		PWS
W-L45R	4ASMR004.17	C																							0	S	0	S	0	S	1	O				PWS; 99 FT PAH 1 sp; Pb detected 1 sp; Sed Ok
W-L46R	**4ANMR002.60**	A,C	0 / 24	S	0	/ 24	S	0	/ 24	S	**3**	**/ 25**	**IM**										0	S	0	S	0	S	0	S	0	S		S	S	PWS; '99 & '02 FT/Sed; '99 As 1 sp; '04 Str. Flow <7Q10
W-L46R	**4ANMR020.13**	A	0 / 7	S	0	/ 7	S	0	/ 7	S	**3**	**/ 9**	**IM**										0	S										S	S	PWS; '04 Str. Flow <7Q10
W-L47R	**4AHRN004.93**	A	0 / 17	S	0	/ 17	S	0	/ 17	S	**5**	**/ 17**	**IM**										0	S	0	S	0	S						S		
W-L49R	4AMTR010.33	A	0 / 11	S	0	/ 11	S	0	/ 11	S	1	/ 12	S												0	S	0	S						S		04 Str. Flow <7Q10
W-L50R	4ARCC006.89	B	0 / 1	W	0	/ 1	W	0	/ 1	W																										
W-L50R	**02071510**	USGS	**2 / 8**	**IM**																																USGS Smith R. upstr. of Jacks Cr.; Data older than 5 years; Supplemental information.
W-L50R	**4ASRE075.69**	A	**9 / 28**	**IM**	0	/ 28	S	0	/ 28	S	**4**	**/ 28**	**IM**										0	S	0	S	0	S						S	S	°C Natural; '04 Str. Flow <7Q10
W-L51L	4ASRE046.90-TL	A,C	0 / 47	S	0	/ 46	S	0	/ 23	S	0	/ 24	S	0	/ 3	S							0	S					0	S	0	S		S	S	99 FT OK; '02 FT Pb detected 1 sp; TSI - CA [33.74] TP [51.37] SD [42.71]
W-L51L	4ASRE046.90-BL	A	0 / 190	S	13	/ 188	S	0	/ 36	S													0	S	1	O	0	S						S		99 Sed OK; '02 Sed As in Sed
W-L51L	4ASRE048.98-TL	A	0 / 54	S	0	/ 54	S	0	/ 24	S	0	/ 25	S	0	/ 3	S							0	S										S	S	TSI - CA [34.19] TP [40.15] SD [45.74]
W-L51L	4ASRE048.98-BL	A	0 / 224	S	19	/ 224	S	0	/ 36	S													0	S	0	S	0	S						S		
W-L51L	4ASRE052.31-TL	A	0 / 54	S	0	/ 54	S	0	/ 24	S	0	/ 24	S	0	/ 3	S							0	S										S	S	TSI - CA [33.64] TP [41.22] SD [46.13]
W-L51L	**4ASRE052.31-BL**	A	0 / 186	S	**33**	**/ 186**	**IM**	1	/ 36	S													0	S	1	O	0	S						S		AQ '99 Ni in Sed
W-L51L	4ASRE055.62	C																							0	S	0	S	0	S	0	S				99 FT/Sed Ok;
W-L51L	4ASRE056.06-TL	A	0 / 66	S	0	/ 66	S	0	/ 36	S	0	/ 33	S	0	/ 3	S							0	S										S	S	TSI - CA [40.31] TP [46.89] SD [48.28]
W-L51L	**4ASRE056.06-BL**	A	0 / 75	S	**43**	**/ 75**	**IM**	0	/ 23	S													0	S	1	O	0	S						S		AQ '99 Ni in Sed
W-L51R	**4ARBC005.44**	A	**2 / 6**	**IM**	0	/ 6	S	0	/ 6	S	0	/ 6	S										0	S										S		
W-L52R	2000W0034B	SS	0 / 16	S	0	/ 16	S	0	/ 16	S	**5**	**/ 26**	**NA**	2	/ 20	S																				**B'Berry Study; FC GM1/2-N; Smith R. Delisting Candidate based on E. coli**
W-L52R	**2000W0034C**	SS	0 / 18	S	0	/ 18	S	0	/ 18	S	**10**	**/ 27**	**NA**	**5**	**/ 21**	**IM**																				**B'Berry Study; FC GM 2/2-N; '04 Str. Flow <7Q10**
W-L52R	2000W0034D	SS	0 / 18	S	0	/ 18	S	0	/ 18	S	**6**	**/ 26**	**NA**	2	/ 20	S																				B'Berry Study; FC GM 0/2-S; '04 Str. Flow <7Q10
W-L52R	**2000W0034E**	SS	0 / 17	S	0	/ 17	S	0	/ 16	S	**14**	**/ 26**	**NA**	**7**	**/ 20**	**IM**																				**B'Berry Study; FC GM 2/2-N; '04 Str. Flow <7Q10**
W-L52R	**2000W0034F**	SS	0 / 17	S	0	/ 17	S	0	/ 16	S	**13**	**/ 27**	**NA**	**10**	**/ 21**	**IM**																				**B'Berry Study; FC GM 2/2-N; '04 Str. Flow <7Q10**
W-L52R	2000W0034G	SS	0 / 17	S	0	/ 17	S	0	/ 16	S	**8**	**/ 26**	**NA**	2	/ 20	S																				**B'Berry Study; FC GM 1/2-N; '04 Str. Flow <7Q10**
W-L52R	**2000W0034H**	SS	0 / 16	S	0	/ 16	S	0	/ 15	S	**6**	**/ 26**	**NA**	**3**	**/ 20**	**IM**																				B'Berry Study; FC GM 0/2-S; '04 Str. Flow <7Q10
W-L52R	**2000W0034I**	SS	0 / 17	S	0	/ 17	S	0	/ 16	S	**12**	**/ 27**	**NA**	**7**	**/ 21**	**IM**																				**B'Berry Study; FC GM 2/2-N; '04 Str. Flow <7Q10**
W-L52R	**2000W0034J**	SS	0 / 5	S	0	/ 5	S	0	/ 5	S	**8**	**/ 21**	**NA**	**5**	**/ 15**	**IM**																				**B'Berry Study; FC GM 2/2-N; '04 Str. Flow <7Q10**
W-L52R	**2000W0034L**	SS	0 / 17	S	0	/ 17	S	0	/ 16	S	**7**	**/ 26**	**NA**	**8**	**/ 19**	**IM**																				**B'Berry Study; FC GM 1/2-N; '04 Str. Flow <7Q10**
W-L52R	2000W0034M	SS	0 / 12	S	0	/ 12	S	1	/ 11	S	1	/ 24	S	1	/ 19	S																				B'Berry Study; FC GM 0/1-S
W-L52R	2000W0034N	SS									0	/ 1	W																							B'Berry Study
W-L52R	**2000W0034O**	SS	0 / 15	S	0	/ 15	S	0	/ 9	S	**19**	**/ 24**	**NA**	**12**	**/ 19**	**IM**																				**B'Berry Study; FC GM 1/1-N; '04 Str. Flow <7Q10**
W-L52R	**2000W0034P**	SS	0 / 8	S	0	/ 8	S	1	/ 7	IN	**11**	**/ 25**	**NA**	**7**	**/ 20**	**IM**																				**B'Berry Study; FC GM 1/1-N; '04 Str. Flow <7Q10**
W-L52R	2000W0034Q	SS									0	/ 1	W																							B'Berry Study
W-L52R	**2000W0034R**	SS	0 / 14	S	0	/ 14	S	0	/ 13	S	**15**	**/ 24**	**NA**	**8**	**/ 20**	**IM**																				**B'Berry Study; FC GM 1/1-N; '04 Str. Flow <7Q10**
W-L52R	**2000W0034S**	SS									**4**	**/ 15**	**IM**	1	/ 11	S																				**B'Berry Study; FC GM 1/1-N; '04 Str. Flow <7Q10**
W-L52R	**2000W0034T**	SS	0 / 10	S	0	/ 10	S	0	/ 9	S	**7**	**/ 19**	**NA**	**6**	**/ 15**	**IM**																				B'Berry Study; FC GM 0/1-S
W-L52R	**2000W0034U**	SS	0 / 10	S	0	/ 10	S	0	/ 5	S	**14**	**/ 19**	**NA**	**9**	**/ 19**	**IM**																				B'Berry Study
W-L52R	**2000W0034V**	SS	0 / 9	S	0	/ 9	S	0	/ 4	S	**11**	**/ 19**	**NA**	**8**	**/ 19**	**IM**																				B'Berry Study
W-L52R	**4ABRY000.05**	A	0 / 18	S	0	/ 18	S	0	/ 18	S	**4**	**/ 20**	**IM**										0	S	0	S	0	S						S	S	PWS
W-L52R	4ASRE043.54	A	0 / 60	S	0	/ 60	S	0	/ 60	S	2	/ 59	S										0	S	0	S	0	S						S	S	PWS
W-L53R	2000W0034A	SS	0 / 18	S	0	/ 18	S	0	/ 16	S	**7**	**/ 27**	**NA**	2	/ 21	S																				**PWS; B'Berry Study; FC GM 2/2-N**
W-L53R	4AREE000.80	A	0 / 16	S	0	/ 16	S	0	/ 16	S	0	/ 17	S										0	S	0	S	0	S						S		PWS
W-L53R	4ASRE031.00	B	0 / 2	S	0	/ 2	S	0	/ 2	S																							NI			PWS
W-L53R	**4ASRE033.19**	A,B	3 / 63	S	0	/ 63	S	1	/ 61	S	**9**	**/ 59**	**IM**								0	S	0	S	0	S	0	S					NI	S	S	PWS
W-L54R	4ASRE007.90	A	0 / 55	S	0	/ 55	S	0	/ 54	S	5	/ 58	S										0	S	0	S	0	S						S		PWS
W-L54R	4ASRE009.53	FPM	0 / 1	W	0	/ 1	W	0	/ 1	W	0	/ 1	W	0	/ 1	W							0	S	0	S	0	S					W	W		VAEQ99-176
W-L54R	**4ASRE015.43**	A,B	0 / 34	S	0	/ 34	S	0	/ 34	S	**6**	**/ 35**	**IM**								0	S	0	S	0	S	0	S					NI	S		
W-L54R	**4ASRE019.00**	B,C	0 / 2	S	0	/ 2	S	0	/ 2	S															0	S	0	S	0	S	0	S	**MI**			99 FT/Sed OK
W-L54R	**4ASRE021.58**	A	0 / 34	S	0	/ 34	S	0	/ 34	S	**6**	**/ 35**	**IM**								0	S	0	S										S		
W-L54R	**4ASRE022.30**	B	0 / 4	S	0	/ 4	S	0	/ 4	S																							**MI**			
W-L54R	**4ASRE022.71**	A	0 / 40	S	0	/ 40	S	0	/ 40	S	**8**	**/ 41**	**IM**								0	S	0	S	0	S	0	S						S		
W-L54R	4ASRE026.04	B,C	0 / 3	S	0	/ 3	S	0	/ 3	S															0	S	0	S	0	S	0	S	SI			02 FT PCB 1 sp; Sed OK
W-L54R	4ASRE026.27	C																							0	S	0	S	0	S	0	S				99 FT/Sed; Pb detected 1 sp;
W-L55R	**4AMRR000.02**	A	0 / 23	S	0	/ 23	S	0	/ 23	S	**4**	**/ 27**	**IM**										0	S	0	S	0	S						S	S	
W-L56R	**4ALWD002.54**	A	0 / 16	S	0	/ 16	S	0	/ 16	S	**3**	**/ 18**	**IM**										0	S	0	S	0	S						S		PWS
C-L57R	4ACAS000.77	SS																									0	S								PWS; 99 Sed Only
C-L57R	4ADAN060.16	C,SS																							0	S	0	S	0	S	0	S				PWS; 99 FT/Sed
C-L57R	4ADAN075.22	A,SS	0 / 51	S	0	/ 51	S	0	/ 51	S	5	/ 50	S										0	S	0	S	0	S			0	S		O	S	Observed Effects T.P. 7/49 Violation Rate; 99 FT/Sed
C-L58R	**4ASRV000.20**	A,SS	0 / 26	S	0	/ 25	S	0	/ 26	S	**7**	**/ 25**	**IM**												0	S	0	S						S		99 Sed Only

Roanoke River Basin

Monitoring Station List for 2004 305(b) and 303(d) Integrated Report

			CONVENTIONAL WATER COLUMN								BACTERIA DATA								WATER COLUMN		SEDIMENT		FISH TISSUE		BENTHIC	NUTRIENTS		Bold/Shaded = Impaired Waters
			MONITORING DATA																									Pink = Observed Effects
			#Violations/# Samples/Status								#Violations/# Samples/Status								#Violations/Status		#Violations/Status		#Violations/Status		Status	Status	Status	
WBID	Monitoring Station	Type	Temperature			Dissolved Oxygen			pH		Fecal Coliform			E. Coli			Enterococci		Metals	Other Toxics	Metals	Other Toxics	Metals	Other Toxics	Bio Mon	T.P	CHL A	Comments
C-L58R	4ASRV007.46	A	0 / 9 S			0 / 9 S			0 / 9 S		0 / 8 S									0 S						S		Ambient Sediment Sample
C-L58R	4ASRV012.19	FPM	0 / 2 S			0 / 2 S			0 / 2 S		0 / 1 W									0 S	0 S	0 S			IN	IN		2001 Probabilistic Monitoring
C-L59R	4ASCR000.16-A	SS																				1 O						99 Sed Only C-Dane
C-L59R	4ASCR000.16-B	SS																				0 S						99 Sed Only
C-L59R	**4ASCR007.06**	A	0 / 26 S			0 / 26 S			0 / 26 S		**5 / 25 IM**									0 S	0 S	0 S				S	S	
C-L60R	4ACAN000.80	SS																				0 S						99 Sed Only
C-L60R	4ACLC000.38	SS																				0 S						99 Sed Only
C-L60R	**4ADAN042.80**	A	0 / 35 S			0 / 35 S			0 / 35 S		12 / 37 NA		**5 / 13 IM**							0 S						S		VDH Fish Adv.
C-L60R	4ADAN053.35	A	0 / 26 S			0 / 25 S			0 / 26 S		2 / 25 S									0 S						S	S	
C-L60R	4ADAN054.03	C,SS																				0 S	0 S	1 O				99 FT/Sed; PCB 1 Sp.
C-L60R	4AXME001.19	FPM	0 / 1 W			0 / 1 W			0 / 1 W		0 / 1 W									0 S	0 S	0 S			W	W	W	2001 Probabilistic Monitoring Station
C-L61R	4AFAL000.10	SS																				0 S						99 Sed Only
C-L61R	4AFAL000.92	C																			0 S	1 O	0 S	0 S				02 FT/Sed C-Dane, Pb detected 1 Sp.
C-L61R	**4AFAL001.58**	A	0 / 25 S			0 / 25 S			0 / 26 S		**5 / 25 IM**									0 S						S	S	
C-L61R	4ALAW002.33	C																			0 S	0 S	0 S	0 S				02 FT/Sed
C-L62R	4ADAN028.90	A	0 / 9 S			0 / 9 S			0 / 9 S		1 / 9 IN									0 S						S	S	
C-L62R	**4ADBC002.19**	A	0 / 28 S			0 / 28 S			0 / 28 S		**3 / 28 IM**									0 S	0 S	0 S				S	S	Ambient Sediment Sample
C-L62R	**4ABYR002.13**	SS	0 / 8 S			0 / 8 S			1 / 8 IN		**3 / 9 IM**															S		Hog Farm Special Study
C-L62R	**4ABYR000.80**	SS	0 / 8 S			0 / 8 S			0 / 8 S		**4 / 9 IM**															O		Observed Effects 2/9 Violation T.P., Hog Farm Special Study
C-L62R	4ASLC002.75	A	0 / 10 S			0 / 9 S			0 / 10 S		1 / 10 S									0 S	0 S	0 S				S		
C-L62R	4AWNS000.27	SS																				0 S						99 Sed Only
C-L63R	4ABIR000.40	SS																				0 S						99 Sed Only
C-L63R	**4ABIR001.00**	A, TM	0 / 19 S			0 / 19 S			0 / 19 S		**8 / 19 IM**		**2 / 7 IM**							0 S						S		2004 Birch Creek TMDL
C-L63R	4ABIR004.22	TM	0 / 1 W			0 / 1 W			0 / 1 W		0 / 1 W		0 / 1 W															2004 Birch Creek TMDL
C-L63R	4ABIR005.34	TM	0 / 1 W			0 / 1 W			0 / 1 W																			2004 Birch Creek TMDL
C-L63R	4ABIR011.55	TM	0 / 1 W			0 / 1 W			0 / 1 W		0 / 1 W		0 / 1 W															2004 Birch Creek TMDL
C-L63R	4ABIR014.28	TM	0 / 1 W			0 / 1 W			0 / 1 W		0 / 1 W		0 / 1 W															2004 Birch Creek TMDL
C-L63R	4AXDK000.94	TM	0 / 1 W			0 / 1 W			0 / 1 W																			2004 Birch Creek TMDL
C-L64R	**4ADAN0012.51**	C																			0 S	0 S	0 S	**2 IM**				VDH Fish Adv. 02 FT/Sed PCB 3 Sp., DDE 1 Sp., Total DDT 1 Sp.
C-L64R	**4ADAN012.82**	C,SS																				0 S		**1 IM**				VDH Fish Adv. 00 FT/Sed PCB 3 Sp.
C-L64R	**4ADAN013.34**	C,SS																			0 S	0 S	0 S	**4 IM**				VDH Fish Adv. 99 FT/Sed PCB 7 Sp., C-Dane 1 Sp., DDE 1 Sp., Total DDT 1 Sp. & H epoxide 1 Sp.
C-L64R	**4ADAN015.30**	A,C,SS	0 / 45 S			0 / 45 S			0 / 45 S		14 / 45 NA		**3 / 13 IM**							0 S	0 S	0 S		**1 IM**		S	S	VDH Fish Adv. 99 FT/Sed PCB 2 Sp.
C-L64R	**4ADAN017.44**	C,SS																			0 S	0 S	0 S	**1 IM**				VDH Fish Adv. 99 FT/Sed PCB 2 Sp.
C-L64R	4ALSN001.04	A, C	0 / 8 S			0 / 8 S			0 / 8 S		0 / 8 S									0 S	0 S	0 S	0 S	1 O		S	S	99 FT/Sed, sum PAH & benzo(a)pyrene 1 sp. & 02 FT/Sed
C-L64R	4ALSN007.54	A	0 / 9 S			0 / 9 S			0 / 9 S		0 / 8 S									0 S						S	S	
C-L64R	4ARAC001.20	C,SS																			0 S	0 S	0 S	0 S				99 FT/Sed
C-L64R	4ARAC002.13	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L64R	4ARAC002.30	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L64R	4ARAC002.45	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L64R	4ARAC002.68	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L64R	4AMRY000.70	SS																				0 S						99 Sed Only
C-L64R	4AXMD000.07	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L64R	4AXMD000.08	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L64R	4AXMD000.21	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L64R	4AXMD000.38	SS																		0 S		0 S						2000 South Boston Landfill PCB Study
C-L65R	**4ABAN070.20**	A	0 / 26 S			0 / 26 S			0 / 26 S		**3 / 25 IM**									0 S	0 S	0 S				S	S	PWS
C-L66L	4ACRR008.32-TL	L	0 / 27 S			1 / 27 S			0 / 27 S		0 / 8 S									0 S						S	S	
C-L66L	**4ACRR008.32-BL**	L	0 / 22 S			**22 / 22 IM**			0 / 22 S																			Cherrystone Creek Reservoir #1 (Natural Impairment)
C-L66R	**4ACRR000.80**	A,C,SS	0 / 26 S			0 / 26 S			0 / 25 S		**11 / 26 IM**									0 S	0 S	0 S	1 O	0 S		S	S	99 FT/Sed, Hg 1 Sp. & 02 FT/Sed
C-L66R	4ACRR002.74	A	0 / 1 W			0 / 1 W			0 / 1 W										0 S	0 S								
C-L66R	**4ACRR003.56**	A	0 / 17 S			0 / 17 S			0 / 16 S		**5 / 17 IM**									0 S						S		
C-L66L	4ARFK000.20-TL	L	0 / 21 S			2 / 21 S			0 / 21 S		0 / 7 S									0 S						S	S	
C-L66L	**4ARFK000.20-BL**	L	0 / 26 S			**24 / 26 IM**			0 / 26 S																			Cherrystone Creek Reservoir #2 (Natural Impairment)
C-L67R	**4ABAN023.28**	A	0 / 18 S			0 / 18 S			0 / 18 S		**3 / 19 IM**		**2 / 7 IM**							0 S						S		
C-L67R	4ABAN039.76	A	0 / 11 S			0 / 11 S			0 / 11 S		1 / 11 S									0 S	0 S	0 S				S		
C-L67R	4AEKH003.18	FPM	0 / 2 S			0 / 2 S			0 / 2 S		0 / 1 W									0 S	0 S	0 S			W	W	W	2001 Probabilistic Monitoring
C-L68R	**4AWRN005.50**	A	0 / 17 S			0 / 17 S			0 / 17 S		**2 / 17 IM**									0 S	0 S	0 S				S		PWS
C-L69R	**4ASNE005.30**	A	0 / 26 S			0 / 26 S			0 / 26 S		**3 / 26 IM**									0 S	0 S	0 S				S	S	
C-L70R	**4ASNA000.20**	A	0 / 27 S			0 / 27 S			0 / 27 S		**4 / 27 IM**									0 S						S	S	
C-L71R	**4ABAN000.50**	C,SS																				0 S		**1 IM**				00 FT/Sed PCB 3 Sp.
C-L71R	4ABAN001.98	SS																				2 O						99 Sed DDD & Total DDT
C-L71R	4ABAN002.67	FPM	0 / 1 W			0 / 1 W			0 / 1 W		0 / 1 W									0 S	0 S	0 S			W	W	W	2002 Probabilistic Monitoring
C-L71R	**4ABAN005.58**	A	0 / 41 S			0 / 41 S			1 / 41 S		**5 / 41 IM**									0 S						S	S	
C-L71R	4ABAN008.30	C																			0 S	0 S	2 O	1 O				99 FT/Sed, As 2 Sp. & 02 FT/Sed PCB 1 Sp., Hg 2 Sp.
C-L71L	4ABAN012.46-TL	L	0 / 31 S			0 / 31 S			0 / 31 S		0 / 6 S									0 S	0 S	0 S				IN	S	2001-2002 Banister Lake
C-L71L	**4ABAN012.46-BL**	L	0 / 9 S			**9 / 9 IM**			0 / 9 S																			Category 4C (Natural Impairment)
C-L71R	4ABAN022.24	FPM	0 / 2 S			0 / 2 S			0 / 2 S		0 / 1 W									0 S	0 S	0 S			W	W	W	2001 Probabilistic Monitoring
C-L71R	4APEC006.49	A	0 / 11 S			0 / 11 S			0 / 11 S		1 / 10 S									0 S	0 S	0 S				S	S	Ambient Sediment Sample
C-L72R	4ATRR001.92	A	0 / 18 S			0 / 18 S			0 / 18 S		1 / 19 S									0 S						S		
C-L73R	4AAAR001.52	C,SS																				0 S		0 S				00FT/Sed
C-L73R	4AAAR001.55	SS																				0 S						99 Sed Only
C-L73R	**4AAAR004.72**	A	0 / 29 S			1 / 29 S			0 / 29 S		**4 / 28 IM**									0 S	0 S	0 S				S	S	Ambient Sediment Sample
C-L73R	**4ADAN001.18**	C,SS																				0 S		**1 IM**				VDH Fish Adv. - PCB, 00 FT/Sed, PCB 2 species
C-L73R	4ADAN006.29	SS																				0 S						Fall 98 Sed
C-L73R	4ADAN007.11	SS																				0 S						Fall 98 Sed
C-L73R	4ADAN008.04	SS																				0 S						Fall 98 Sed
C-L74R	**4ACLB005.17**	SS	0 / 9 S			0 / 9 S			0 / 9 S		**3 / 10 IM**									0 S						S		Hog Farm Special Study
C-L74R	**4ACLB007.78**	SS	0 / 9 S			0 / 9 S			1 / 9 IN		**2 / 10 IM**									0 S						S		Hog Farm Special Study
C-L74R	**4AHYC002.70**	A,C,SS	0 / 47 S			2 / 47 S			0 / 47 S		**6 / 47 IM**									0 S	0 S	0 S	0 S	1 O		S	S	00 & 99 FT/Sed, 00 PCB 1 species
C-L74R	4AHYC010.76	C,SS																				0 S		0 S				00 FT/Sed
C-L74R	4AHYC016.70	A	0 / 9 S			0 / 9 S			0 / 9 S		1 / 9 IN									0 S						S	S	
C-L74R	4AHYC021.14	C,SS																				0 S		0 S				00 FT/Sed
C-L74R	**4ALOL000.62**	SS	0 / 9 S			0 / 9 S			0 / 9 S		**4 / 10 IM**									0 S						S		Hog Farm Special Study
C-L74R	4AMYO001.59	C																				0 S		0 S				00 FT/Sed
C-L75R	4AIND001.39	SS																				0 S						98 Sed
C-L75L	4ABHB000.00	SS																				0 S						Fall 98 Sediment
C-L75L	4ABHB004.40-TL	L	0 / 16 S			0 / 17 S			0 / 13 S		0 / 6 S									0 S						IN	S	2000 Kerr Reservoir
C-L75L	**4ABHB004.40-BL**	L	0 / 3 S			**3 / 3 IM**																						Natural Impairment
C-L75R	**4ABHB008.63**	A	0 / 24 S			0 / 24 S			0 / 24 S		**3 / 25 IM**									0 S						S	S	
C-L75L	4AEAS000.00	SS																				0 S						Fall 98 Sediment
C-L75L	4AEAS002.40	SS																				0 S						Fall 98 Sed
C-L75L	4AGRA000.00	SS																				0 S						Fall 98 Sed

Roanoke River Basin

Monitoring Station List for 2004 305(b) and 303(d) Integrated Report

			CONVENTIONAL WATER COLUMN										BACTERIA DATA										WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS		Bold/Shaded = Impaired Waters
			MONITORING DATA																																			Pink = Observed Effects
			#Violations/# Samples/Status										#Violations/# Samples/Status										#Violations/Status				#Violations/Status				#Violations/Status				Status	Status	Status	
WBID	Monitoring Station	Type	Temperature			Dissolved Oxygen				pH			Fecal Coliform			E. Coli			Enterococci				Metals	Other Toxics			Metals	Other Toxics			Metals	Other Toxics			Bio Mon	T.P	CHL A	Comments
C-L75L	4AGRA002.80	SS																										0	S										Fall 98 Sed
C-L75L	4AGRA003.22-TL	L	0	/	12	S	1	/	12	S	0	/	8	S	0	/	6	S									0	S									IN	S	2000 Kerr Reservoir
C-L75L	**4AGRA003.22-BL**	L	0	/	3	S	**3**	/	**3**	**IM**	0	/	1	W																									Natural Impairment
C-L75L	4AGRA007.20	SS																										0	S										Fall 98 Sed
C-L75L	4AKAS001.00	SS																										0	S										Fall 98 Sed
C-L75L	4ALNE000.90	SS																										0	S										Fall 98 Sed
C-L75L	4ANUT001.50	SS																																					
C-L75L	4AROA018.36-TL	L,SS	0	/	54	S	4	/	54	S	0	/	46	S	0	/	7	S							0	S											S	S	2000 Kerr Reservoir, Fall 98 Sed
C-L75L	**4AROA018.36-BL**	L,SS	0	/	10	S	**9**	/	**10**	**IM**	0	/	10	S													0	S	0	S									Natural Impairment
C-L75L	4AROA019.95	SS																										0	S										Fall 98 Sed
C-L75L	4AROA022.52-TL	L,SS	0	/	49	S	0	/	49	S	0	/	45	S	0	/	7	S							0	S											IN	S	2000 Kerr Reservoir, Fall 98 Sed
C-L75L	**4AROA022.52-BL**	L,SS	0	/	17	S	**14**	/	**17**	**IM**	0	/	14	S													0	S	0	S									Natural Impairment
C-L75L	4AROA024.83	SS																										0	S										Fall 98 Sed
C-L75L	4AROA027.02	SS																										0	S										Fall 98 Sed
C-L75L	**4AROA028.04-TL**	L,SS,C	0	/	48	S	3	/	48	S	0	/	45	S	0	/	7	S							0	S					0	S	**1**	**IM**			S	S	2002 FT PCB 5Sp., Hg 2Sp., Pb detected 2 Sp.; 2000 Kerr Reservoir, Fall 98 Sed
C-L75L	**4AROA028.04-BL**	L,SS,C	0	/	18	S	**13**	/	**18**	**IM**	0	/	13	S													0	S	0	S									Natural Impairment
C-L75L	**4AROA028.44**	C,SS																										0	S				**2**	**IM**					1999 FT/Sed; Fall 98 PCB 6 Sp. & H epoxide 1 Sp.
C-L75L	4AROA030.43	SS																										0	S										Fall 98 Sed
C-L75L	4AROA032.42-TL	L	0	/	44	S	1	/	44	S	0	/	40	S	0	/	7	S							0	S											S	S	2000 Kerr Reservoir
C-L75L	**4AROA032.42-BL**	L	0	/	24	S	**21**	/	**24**	**IM**	0	/	18	S													0	S	0	S									Natural Impairment
C-L75L	4AROA034.41	SS																										0	S										Fall 98 Sed
C-L75L	4AROA035.78	SS																										0	S										Fall 98 Sed
C-L75L	4AROA036.59	SS																										0	S										Fall 98 Sed
C-L75L	4AROA038.49-TL	L,SS,A	0	/	50	0	2	/	50	S	0	/	44	0	0	/	15	S							0	S	0	S	0	S							S	S	2000 Kerr Reservoir, Fall 98 Sed
C-L75L	**4AROA038.49-BL**	L,SS,A	0	/	14	0	**13**	/	**14**	**IM**	0	/	12	0																									Natural Impairment
C-L75L	4AROA041.13	SS																										0	S										Fall 98 Sed
C-L75L	4AROA043.14-TL	L,SS	0	/	26	S	0	/	26	S	0	/	22	S	0	/	7	S							0	S											O	S	Observed Effects 4/7 T.P. Violation Rate, 2000 Kerr Reservoir, Fall 98 Sed
C-L75L	**4AROA043.14-BL**	L,SS	0	/	8	S	**2**	/	**8**	**IM**	0	/	8	S													0	S	0	S									Natural Impairment
C-L75L	4AROA045.12	SS																										0	S										Fall 98 Sed
C-L75L	4AROA045.75	SS																										0	S										Fall 98 Sed
C-L75R	4ABEE001.20	FPM	0	/	1	W	0	/	1	W	0	/	1	W	0	/	1	W	0	/	1	W			0	S	0	S	0	S					W	W	W	2002 Probabilistic Monitoring
C-L75R	**4ABPC003.14**	A	0	/	9	S	0	/	9	S	0	/	9	S	**2**	/	**9**	**IM**							0	S											S	S	
C-L75R	4ABLE000.00	SS																										0	S										Fall 98 Sed
C-L76R	4ABMA002.00	SS																										0	S										Fall 98 Sed
C-L76R	**4ALFF001.85**	A	0	/	29	S	0	/	29	S	0	/	29	S	**17**	/	**29**	**IM**	**4**	/	**7**	**IM**			0	S											O	S	Observed Effects 11/28 T.P. Violation Rate
C-L77L	**4ABST001.13-TL**	L,SS	0	/	28	S	**4**	/	**26**	**IM**	0	/	24	S	0	/	7	S							0	S											IN	S	2000 Kerr Reservoir, Fall 98 Sed
C-L77L	**4ABST001.13-BL**	L,SS	0	/	10	S	**7**	/	**10**	**IM**	0	/	8	S													0	S	0	S									
C-L77R	4AGOO000.50	SS																										0	S										Fall 98 Sed
C-L77R	**4ALNE006.56**	A	0	/	27	S	0	/	27	S	0	/	27	S	**4**	/	**26**	**IM**							0	S											S	S	
C-L78R	**4AALN009.12**	A	0	/	25	S	0	/	25	S	0	/	25	S	**6**	/	**25**	**IM**							0	S											S	S	
C-L78R	**4ACOX000.38**	A	0	/	7	S	**3**	/	**7**	**IM**	1	/	7	IN	0	/	8	S							0	S	0	S	0	S							S	S	Flow below 7Q10 8/6/02 Reference Gage #02079640; Ambient Sediment Sample
C-L78R	**4AROA012.08**	A,C,SS	0	/	33	S	**6**	/	**33**	**IM**	0	/	32	S	2	/	33	S							0	S	0	S	0	S							S	S	1999 FT/Sed
C-L78R	**4AROA018.04**	A,SS	0	/	49	S	**11**	/	**49**	**IM**	0	/	48	S	0	/	50	S							0	S	0	S	0	S			1	O			S	S	1999 FT/Sed PCBs 1 Species
C-L78R	4AXUR000.00	SS	0	/	3	S	1	/	3	IN	0	/	2	S	0	/	5	S							0	S											S		Formerly ST AA
C-L78R	**4AXUQ000.00**	SS	0	/	3	S	0	/	3	S	0	/	2	S	**2**	/	**4**	**IM**							0	S											O		Formerly ST AB, Observed Effects 5/6 T.P. Violation Rate
C-L79L	**4AROA008.66-TL**	L	0	/	25	S	**17**	/	**25**	**IM**	0	/	22	S	0	/	7	S							0	S											S	S	2000 Lake Gaston
C-L79L	**4AROA008.66-BL**	L	0	/	10	S	**5**	/	**10**	**IM**	0	/	5	S													0	S	0	S									
C-L79R	**4AFLT008.79**	A,B,C,TM	0	/	51	S	0	/	51	S	0	/	51	S	**10**	/	**43**	**IM**							0	S	0	S	0	S	0	S	0	S	SI	O	S	2002 Sed/FT; Observed Effects SI Bio Rating & 20/44 T.P. Violation Rate South Hill WWTP discharge
C-L79R	4AFLT008.80	TM	0	/	6	S	0	/	6	S	0	/	6	S																									
C-L79R	4AFLT009.17	B,TM	0	/	5	S	1	/	5	IN	0	/	5	S																					NI				Flow below 7Q10 9/12/02 Reference Gage #02079640
C-L79R	**4AMES004.78**	A	0	/	26	S	0	/	26	S	0	/	26	S	**3**	/	**26**	**IM**							0	S											S	S	
C-L80L	4AROA000.00-TL	L	0	/	17	S	0	/	17	S	0	/	13	S	0	/	7	S							0	S											S	S	Lake Gaston
C-L80L	**4AROA000.00-BL**	L	0	/	8	S	**3**	/	**8**	**IM**	0	/	4	S													0	S	0	S									Natural Impairment
C-L80L	4AROA004.54-TL	L,C,SS	0	/	11	S	0	/	11	S	0	/	8	S	0	/	7	S							0	S					1	O	1	O			S	S	2002 FT/Sed PCBs 1 Species & Hg 1 Species; 99 FT/Sed; Lake Gaston
C-L80L	**4AROA004.54-BL**	L	0	/	19	S	**15**	/	**19**	**IM**	0	/	14	S													0	S	0	S									Natural Impairment
C-L80R	**4AGRT003.82**	A	0	/	18	S	0	/	18	S	1	/	18	S	**6**	/	**18**	**IM**							0	S											S		
C-L81R	**4APOB006.35**	A	0	/	26	S	2	/	26	S	2	/	26	S	**3**	/	**27**	**IM**							0	S											S	S	Flow Below 7Q10 8/6/02 Reference Gage #02079640
C-L82R	**4APHC006.38**	A	0	/	26	S	2	/	26	S	2	/	26	S	**6**	/	**26**	**IM**							0	S											S	S	
W-M02R	**4BLOV007.92**	A,C	**4**	/	**14**	**IM**	0	/	14	S	0	/	14	S	0	/	14	S							0	S	0	S	0	S	0	S	0	S			S		PWS; '02 FT/Sed OK; °C Natural;
W-M02R	4BLOV008.45	FPM	0	/	1	W	0	/	1	W	0	/	1	W	0	/	1	W	0	/	1	W			0	S	0	S	0	S					W			PWS; VAEQ99-191
W-M02R	4BLOV017.16	FPM	0	/	1	W	0	/	1	W	0	/	1	W	0	/	1	W	0	/	1	W			0	S	0	S	0	S					W	W	W	PWS; VAEQ99-142
W-M03R	4BARA035.07	C																									0	S	0	S	1	O	0	S				PWS; '02 FT Hg 1 sp; Sed OK