Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-IVC-IVC01-SW	VAV-H26R_IVC02A00	CMON	JR07																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-IVC-IVC09-SW	VAV-H26R_IVC03A00	CMON	JR07																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-JAK-JCK01-SW	VAV-H30R_JAK01A12	CMON	JR18																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10s: Class III: Special Standards: PWS
2-JCB000.80	VAV-H27L_JCB01A08	L	JR11	0	136	S	0	52	S	0	136	S	0	12	S						0	S													0	2	S	WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-JCB-JAC01-SW	VAV-H29R_JCB01A12	CMON	JR16																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10m: Class III: Special Standards: PWS
2-JMP-JMU01-SW	VAV-H26R_JMP02A12	CMON	JR07																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-JMS110.00	VAP-G01E_JMS01A02	C	JM86																						0	S			1	IM								2012 FT - 4 sp (striped bass, carp, blue catfish, flathead catfish); 2012 sed - PCBs ok
2-JMS110.30	VAP-G01E_JMS01A02	A,CB,TR,SS	JM86		70	NA		65		0	70	S	12	67	IM						0	S														68		Trend Station - (station actually slightly tidal); 2014 water organics okay
2-JMS110.34	VAP-H39R_JMS03A98	B,TM,SS	JM86	0	94	S	0	94	S	0	94	S	15	72	IM						1	O									FS							2009-2010 benthics; 2009 PCB study - 2 samples - 1 of which exceeded HH,
2-JMS110.44	VAP-H39R_JMS03A98	B,TM	JM86	0	94	S	0	94	S	0	95	S	23	81	IM						0	S									FS							2007-2013 benthics; 2009 PCB study - 1 sample - ok; E. coli geomean 1/1 but 3 out of 4 were nondetects
2-JMS110.90	VAP-H39R_JMS03A98	TM	JM86	0	1	W	0	1	W	0	1	W	1	1	W																							No new data since 2012 cycle
2-JMS111.17	VAP-H39R_JMS03A98	TM	JM86	0	48	S	0	48	S	0	47	S	11	47	IM																							E. coli geomean 1/3 (OE), but lot of nondetects
2-JMS111.47	VAP-H39R_JMS03A98	TM	JM86	0	35	S	0	35	S	0	35	S	7	34	IM																							
2-SCM000.23	VAC-H14R_SCM01A00	B	JM35	0	2	S	0	2	S	0	2	S																			FS							2013 Bio
2-JMS111.48	VAP-H39R_JMS03B14	TM	JM86	0	60	S	10	60	IM	0	60	S																										
2-JMS112.33	VAP-H39R_JMS03A98	TM	JM86	0	37	S	0	37	S	0	37	S	5	36	IM																							
2-JMS112.37	VAP-H39R_JMS03A98	TM	JM86	0	70	S	1	70	S	0	70	S																										high pH
2-JMS112.79	VAP-H39R_JMS03A98	A,TM	JM86	0	49	S	0	49	S	2	49	S	6	47	IM																							high pH
2-JMS113.20	VAP-H39R_JMS02A98	CB	JM86	0	124	S	0	124	S	0	123	S									0	S																2014 water organics (2 visits) - okay
2-JMS115.29	VAP-H39R_JMS02A98	A,TM,B	JM86	2	107	S	0	107	S	1	106	S	5	82	S						0	S									FS							2009-2013 benthics; E. coli geomean 0/3
2-JMS117.35	VAP-H39R_JMS01A98	A,CB,TR	JM86	0	39	S	0	39	S	1	41	S	4	38	S																							Trend Station; PWS
2-JMS123.79	VAP-H39R_JMS01A98	A	JM85	0	2	S	0	2	S	0	2	S	1	2	IN																							No new data since 2012 cycle
2-JMS127.50/ 2BJMS127.50	VAP-H39R_JMS02B04	A,TM,C	JM83	0	14	S	0	14	S	0	14	S													0	S			1	IM								PWS; 2014 sediment PCBs okay; 2014 FT PCBs - blue catfish, flathead catfish, and gizzard shad
2-JMS140.00/ 2BJMS140.00	VAP-H38R_JMS02A04	A,TM,C	JM78	0	14	S	0	14	S	0	14	S									0	S			0	S			1	IM								2014 sediment PCBs okay; 2014 FT PCBs - blue catfish, carp, channel catfish; 2014 water organics - okay
2-JMS157.28/ 2BJMS157.28	VAP-H33R_JMS01A98	A,CB,TM,TR,C	JM72	0	164	S	0	164	S	0	164	S	8	48	IM						0	S			0	S			1	IM								Trend Station - increasing chlorophyll a, pH - decreasing TN; 2014 sediment PCBs okay; 2014 FT PCBs - carp, flathead catfish, channel catfish, quillback carpsucker; 2014 water organics (2 visits) - okay
2-JMS176.63	VAC-H20R_JMS01A02	A,C,TR	JM58	0	36	S	0	36	S	0	38	S	11	36	IM						0	S	0	S	0	S	0	S	2	IM								Trend Analysis Performed - Statistically significant trends were detected for pH (increasing) 2014 FT/Sediment PCBs - 1 Species 2005 FT/Sed Station PCBs - 2 Species James River PCB Fishing Advisory
2-JMS189.31	VAC-H17R_JMS01A00	A,TR,CMON,C	JM45	0	51	S	0	36	S	0	38	S	6	36	IM						0	S							2	IM								2014 FT/Sediment PCBs 4 Species Trend Analysis Performed - Statistically significant trends were detected (TP, decreasing) Colocated DEQ/CMON station James River Association Level III Temp Data & Level II Bacteria Data 4/15 - E. coli violations
2-JMS-1-CWT	VAP-H39R_JMS01A98	CMON	JM85	1	79	IN	0	58	IN	0	91	IN																										previously 2JMS-FOCRROB-ALL - Chesterfield WaterTrends - level 2
2-JMS201.34	VAC-H14R_JMS01A00	A	JM35	0	10	S	0	10	S	0	12	S	1	12	S						0	S																
2-JMS213.00	VAC-H14R_JMS01A00	C	JM35																				0	S	0	S	1	IM	1	IM								2005 FT/Sediment - Hg 2 Species, PCBs 3 Species James River PCB Fishing Advisory New FT Impairment for Mercury
2-JMS229.14	VAC-H08R_JMS01A00	A,TR	JM20	0	12	S	0	12	S	0	12	S	3	12	IM						0	S	0	S	0	S			1	O								2014 FT/Sediment PCBs 1 Species Trend Analysis Performed - Statistically significant trends were detected for Nitrogen Oxides (declining) and Total Phosphorous (declining) USGS Temperature Data Level III - 0/11
2-JMS258.54	VAC-H03R_JMS01A00	A,C,TR	JM11	0	34	S	0	34	S	0	36	S	8	35	IM						0	S	0	S	0	S	1	O	2	IM			O					01 PCB 4 Species 2005 FT/Sediment Hg 1 Species, PCBs 4 Species 2014 FT/Sediment PCBs 5 Species James River PCB Fishing Advisory Trend Analysis Performed - Statistically significant trends were detected in Bacteria (declining), DO (increasing), and Nitrogen Oxides (declining) 2006 Observed Effects - Carry over (2008 - TP = 3/50)

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-JMS270.84	VAC-H03R_JMS06A02	A,TR	JM07	0	34	S	0	34	S	0	36	S	5	36	IM						0	S												O				2006 Observed effects - carry over (2008 - 2/34) USGS Temperature Data Level III - 0/9
2-JMS275.75	VAW-H01R_JMS02A00	A,TR	JM03	0	36	S	0	36	S	0	36	S	5	36	IM						0	S	0	S	0	S						1	36	IN				VDH Fish Consumption Advisory PCB 2004. Bacteria 1998 303(d) De-list in 2002. Trend Analysis.
2-JMS279.41	VAW-H01R_JMS04A00	CB,C,TR	JM01	0	121	S	0	120	S	0	121	S	2	47	S						0	S	0	S	0	S	2	IM				7	84	IN				CB Trend. '05 FT/Sed total arsenic (As) [Apx E-2] 1 sp. and mercury (Hg) [Apx E-1] 2 sp. (SM Bass @ 0.46 ppm & LM Bass @ 0.40 ppm); lead (Pb) detected 2 sp.; sediment no PEC exceedances. Field data integrated horizontally; chem data vertically.
2-JMS282.28	VAW-H01R_JMS04A00	A,TR	JM01	0	24	S	0	24	S	0	24	S	6	24	IM						0	S	0	S	0	S						0	24	IN				Bacteria 1998 303(d) De-list in 2002. Trend Analysis.
2JMS-35-ALL	VAP-H39R_JMS03A98	CMON	JM86	0	13	S	0	13	S	0	13	S	5	11	IN/O																							ACB station - Level 3 temp, pH, DO; no data since 2014 cycle
2JMS-J35-JRA	VAC-H03R_JMS01A00	CMON	JM11	0	15	S							1	15	IN																							James River Association Level III Temp Data & Level II Bacteria Data 1/15 - E. coli violations
2-JOD001.19	VAP-G02R_JOD01A04	TM	JA45	0	12	S	2	12	IM	5	15	IM																										
2-JOD001.96	VAP-G02R_JOD01A04	TM	JA45	0	15	S	0	15	S	4	15	IM									0	S																
2-JOD002.69	VAP-G02R_JOD01A04	TM	JA45	0	12	S	0	12	S	1	12	S																										
2-JOD003.05	VAP-G02R_JOD01A04	TM	JA45	0	12	S	0	12	S	4	12	IM																										
2-JOD004.15	VAP-G02R_JOD01A04	TM	JA45	0	11	S	1	12	S	6	12	IM																										
2-JOD005.04	VAP-G02R_JOD01A04	TM	JA45	0	11	S	0	12	S	2	12	IM																										
2-JOD-12-CWT	VAP-G02R_JOD01A04	CMON	JA45	0	30	IN	0	12	IN	3	36	IN																										Chesterfield Water Trends - level II
2-JOH004.04	VAP-H39R_JOH01A08	A	JM81	0	10	S	0	10	S	0	12	S	3	11	IM																							No new data since 2012 cycle
2-JOH004.23	VAP-H39R_JOH01A08	TM,B	JM81	0	3	S	0	3	S	1	3	IN																			IM							PWS; 2012-2013 benthics
2-JTH001.52	VAC-H03R_JTH01A06	A,CMON,B	JM07	0	17	S	0	17	S	0	18	S	1	12	IM						0	S									FS							No New Data - remains impaired 2008-2010 Bio Co-located DEQ/CMON Station Alliance for the Chesapeake Bay Level III - Field Data & Level II - Bacteria Data 2/5 - E. coli violations
2-JTH006.53	VAC-H03R_JTH01A06	A,B	JM07	0	14	S	0	14	S	0	14	S	8	12	IM						0	S									IM							2008/2011 Bio This stream is small and has unstable banks with little vegetative protection.
2-LDJ000.60	VAP-J11L_LDJ01A98	L	JA30	0	133	S	8	76	S	1	133	S	0	21	S						0	S													0	3	S	PWS
2-LDJ002.96	VAP-J11R_LDJ01A10	A,TM	JA30	0	43	S	2	41	S	1	42	S	13	42	IM																							
2-LID001.90	VAC-J06R_LID01A00	A	JA18	0	12	S	0	12	S	0	12	S	1	12	S						0	S																No New Data
2-LIF000.08	VAC-H02R_LIF01A02	B	JM05	0	4	S	0	4	S	0	4	S																			FS							2008-2010 Bio This monitoring station on Little Irish Creek was completely dry one month before sampling occurred in 2008 and typically dries completely each summer.
2-LIF000.62	VAC-H02R_LIF01A02	B	JM05	0	4	S	0	4	S	0	4	S																			FS							2008-2010 Bio Excellent habitat and bank stability. Site located in National Forest.
2-LIF-5115-USFS	VAC-H02R_LIF01A02	USFS	JM05																												UN							USFS Level III Bio Assessment
2-LIT002.40	VAC-J03R_LIT01A02	A,TM,SS,B	JA14	0	25	S	0	25	S	0	26	S	2	24	S						0	S									FS							Hog Farm Special Study Station 2009 Bio - FS
2-LIT004.77	VAC-J03R_LIT01A02	FPM,B	JA14	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S									J							2012 Probmon Biologist notes indicated heavy algae growth was clogging the riffles and an upstream beaver dam was affecting the flow. This stream also had unstable banks, and excessive sedimentation.
2-LIT005.43	VAC-J03R_LIT01A02	B,TM	JA14	0	2	S	0	2	S	0	2	S	4	12	IM																FS							2014 Bio This site was sampled as a follow-up to a probabilistic monitoring site 2-LIT004.77, which was located on private property that could not be revisited.
2-LIU000.70	VAC-J06R_LIU01A02	TM	JA15										5	10	IM																							NO NEW DATA Appomattox Basin TMDL
2-LIU002.75	VAC-J06R_LIU01A02	TM	JA15										4	10	IM																							NO NEW DATA Appomattox Basin TMDL
2LIU-SAY5-CVW	VAC-J06R_LIU01A02	CMON	JA15										31	52	IM																							Clean Virginia Waterways Station Formerly 2LIU-A-CVW
2LIU-SAY6-CVW	VAC-J06R_LIU01A02	CMON	JA15										16	33	IM																							Clean Virginia Waterways Station Formerly 2LIU-B-CVW
2-LIX-33-FOCR	VAP-J16R_LIX01A14	CMON	JA41	0	7	IN	0	7	IN	0	7	IN	0	6	IN																							Chesterfield Water Trends Level II data; no new data since 2014 cycle
2-LIY001.73	VAP-H39R_LIY01A00	A	JM84	0	11	S	2	11	IM	1	11	S	6	11	IM																							PWS; no data since 2014 cycle
2-LKN000.02	VAV-H23R_LKN01A00	A,B	JR02	0	9	S	0	9	S	0	9	S	1	6	IN/O																IM							WQS - Basin 2B: Section 10h: Class III: Special Standards:
2-LKN-LKN01-SW	VAV-H23R_LKN01A00	CMON	JR02																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10h: Class III: Special Standards:
2-LLI000.58	VAP-H38R_LLI01A12	A	JM78	0	10	S	0	10	S	2	12	IM	2	11	IM																							No new data since 2012 cycle
2-LNS000.69	VAP-J17R_LNS01A10	A,TM	JA44	0	11	S	4	11	IM	2	11	IM									0	S																

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-LOB000.37	VAC-H11R_LOB01A04	TM,B	JM28	0	16	S	0	16	S	1	16	S							0	S	0	S	0	W	0	W					IM							2009-2012 Bio TMDL Sampling This stream has embedded riffles, noticeable sediment deposition, and is bordered on one side by a cow pasture. 2001 Probabilistic Monitoring Seasonal difference noted for biological sampling.
2-LSD001.24	VAV-H31R_LSD01A02	A,B	JR22	0	1	W	0	1	W	0	1	W																			FS							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-APP037.08	VAP-J12R_APP01A08	A	JA36	0	24	S	0	24	S	2	24	S	5	24	IM																							
2-APP050.23	VAP-J10R_APP01A98	A,TR	JA28	0	33	S	0	33	S	0	35	S	7	32	IM																							TREND Station;
2-APP068.93	VAP-J07R_APP01A98	A	JA21	0	12	S	0	12	S	0	12	S	3	11	IM						0	S																no new data since 11/2012
2-APP081.04	VAP-J07R_APP01A98	A,B	JA21	0	14	S	0	14	S	0	14	S	4	12	IM						0	S									FS							2013 Benthic
2-APP085.85	VAC-J06R_APP05A02	A,TM,TR	JA19	0	35	S	0	35	S	0	36	S	11	36	IM						0	S																Appomattox Basin TMDL
2-APP110.93	VAC-J01R_APP05A04	A,TM,TR	JA09	0	87	S	0	86	S	0	91	S	13	71	IM						0	S																Appomattox River Basinwide TMDL Study Trend Analysis Performed - Statistically significant trends were detected (TSS, increasing) USGS Temperature Data Level 3 - 0/14
2-APP118.04	VAC-J01R_APP03A02	A,TM,C,TR	JA05	0	34	S	0	34	S	0	36	S	6	36	IM						0	S	0	S	0	S	2	O	1	O								Appomattox River Basinwide TMDL Study Trend Analysis Performed - No Statistically significant trends were detected 2005 FT/Sediment - As 2 Species, Hg 1 Species OE - PCB 1 Species
2-APP122.15	VAC-J01R_APP03A02	A	JA05	0	10	S	0	10	S	0	12	S	2	12	IM						0	S																
2-APP127.08	VAC-J01R_APP02A02	TM	JA03	0	0	W	0	0	W	0	0	W	4	10	IM																							NO NEW DATA Appomattox River Basinwide TMDL Study
2-APP137.55	VAC-J01R_APP02A02	A	JA03	0	10	S	0	10	S	0	12	S	2	12	IM						0	S																
2-APP143.57	VAC-J01R_APP02A02	A,B,C	JA02	0	3	S	0	3	S	0	3	S									0	S	0	S	0	S	1	O	0	S	FS							2010/2012 BIO This section of the Appomattox River was wadeable with numerous riffles. There was sedimentation occurring, but the macroinvertebrate habitat was optimal. 2005 FT/Sediment OE - Hg 1 Species, PB 2 Species, As 1 Species 2006 FC bacteria: 3/9 = IM
2-APP152.57	VAC-J01R_APP01B04	A	JA01	0	12	S	0	12	S	0	12	S	2	12	IM						0	S																
2-APP-46-FOCR	VAP-J15R_APP01A12	CMON	JA40	0	20	IN				0	20	IN																										Chesterfield Water Trends Level II data
2-APP-A02-JRA	VAP-J15E_APP01A98	CMON	JA40	0	14	S							5	13	IM																							James River Association Level III
02035000	VAP-H33R_JMS01A98	USGS	JM72	53	1974	S	0	961	S	13	1913	S																										collocated with 2-JMS157.28 - USGS ConMon
2-ABL001.40	VAV-H31R_ABL01A00	A	JR22	0	12	S	0	11	S	0	12	S	1	12	S																							WQS: Basin 2B: Section 11: Class III: Special Standards:
2-ANG001.27	VAC-J06R_ANG02A00	TM,SS	JA16	0	2	S	0	2	S	0	2	S	3	10	IM						0	S																Alliance for the Chesapeake Bay Level III - Field Data & Level II - Bacteria Data
2-ANG003.35	VAC-J06R_ANG01A00	B,TM,SS	JA16	0	3	S	0	3	S	0	3	S	0	0	IM						0	S									FS							NO NEW BACTERIA DATA Hog Farm Special Study Station Appomattox Basin TMDL Regional Biological Station - Water of Concern FS Biologist notes on field form: 11/20/2007: Recent drought conditions (highly impacted). Suspect stream dried completely or nearly completely during drought. Biologist notes on field form 11/17/2008: Locals said Angola Creek downstream was dry within past month. Additional fall sampling needed to accurately characterize the benthic community in non-drought conditions. In general, this stream tends to score lower in the fall as a result of low water during summer seasons.
2ANG-ANG17-CVW	VAC-J06R_ANG02A00	CMON	JA16										11	36	IM																							Clean Virginia Waterways Station
2-APP001.53	VAP-J15E_APP02A98	CB,C,TR	JA45	1	417	S	0	386	S	0	417	S	11	68	IM						0	S	0	S	0	S	0	S	1	IM								TREND Station; 2012 FT: PAHs ok, PCBs 3 sp (striped bass, gizzard shad, carp), pest ok, metals ok; 2009 PCB Special Study 0/2(S)
2-APP009.52	VAP-J15E_APP01A98	A	JA40	0			0	13	S	0	13	S	1	12	S																							no new data since 12/2012
2-APP012.79	VAP-J15R_APP01A12	A,B,C,TR	JA40	0	39	S	0	39	S	1	41	S	2	36	S						0	S							2	S	FS							TREND Station; 2009 PCB Special Study 0/2(S)
2-APP016.38	VAP-J15R_APP01A98	A,CB,TR	JA40	0	119	S	0	117	S	0	119	S	1	36	S						0	S																Same as USGS 02041650; Trend Station
2-APP020.23	VAP-J14L_APP01A00	L	JA39	0	124	S	17	94	IM	0	124	S	0	13	S						0	S										0	2	S	0	2	S	5A; Top 10/41 (24.4%); bottom 26/26 (100%). PWS; pooled DO= 22 vios/253 obs (S); pooled pH =0 vios/191 obs (S) no new data since 2012
2-APP023.27	VAP-J14L_APP01A00	L	JA39	0	67	S	4	57	S	0	67	S	0	11	S						0	S										0	2	S	0	2	S	5A; Top 7/36 (19.4%); bottom 8/10 (80%); PWS;pooled DO= 22 vios/253 obs (S); pooled pH =0 vios/191 obs (S) no new data since 2012
2-APP026.67	VAP-J14L_APP01A00	L	JA39	0	59	S	1	49	S	0	59	S	0	11	S						0	S										0	2	S	0	2	S	5A Top 5/28 (17.8%); bottom 0/3; PWS;pooled DO= 22 vios/253 obs (S); pooled pH =0 vios/191 obs (S) no new data since 2012
2-APP028.58	VAP-J14L_APP01A00	L	JA39	0	33	S	0	33	S	0	33	S	1	9	S						0	S																PWS; non lacustrinepooled DO= 22 vios/253 obs (S); pooled pH =0 vios/191 obs (S) no new data since 2012 cycle
2-APP029.23	VAP-J14L_APP01A00	L	JA36	0	20	S	0	20	S	0	20	S	0	6	S						0	S																PWS non lacustrinepooled DO= 22 vios/253 obs (S); pooled pH =0 vios/191 obs (S) no new data since 2012 cycle

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-APP-APCO-01-NPS	VAC-J01R_APP01B04	CMON	JA01	0	5	S	0	5	S	0	5	S																										Level III NPS Data
2-APP-APCO-03-NPS	VAC-J01R_APP01B04	CMON	JA01	0	5	S	0	5	S	0	5	S																										Level III NPS Data
2APP-APP1-CVW	VAC-J01R_APP02A02	CMON	JA03										1	34	S																							Clean Virginia Waterways Station
2APP-APP2-CVW	VAC-J01R_APP05A04	CMON	JA09										7	60	IM																							Clean Virginia Waterways Station Formerly Station 2AAP-F-CVW
2-ARS000.11	VAC-J01R_ARS01A04	A	JA01	0	0	W	0	0	W	0	0	W	3	12	IM						0	S																Assessment Drops Out
2-AUS001.12	VAC-H21R_AUS01A00	B,SS	JM52	0	2	S	0	2	S	0	2	S	0	0	W						0	W									J							2013 Bio Austin Creek exhibits seasonal variability around the assessment threshold, therefore further sampling is required to accurately assess water quality within this reach.
2BACH000.09	VAC-H05R_ACH01A16	A	JM13	0	12	S	0	12	S	0	12	S	5	12	IM																							
2-BAG002.25	VAV-H31R_BAG01A06	A	JR21	0	12	S	0	12	S	1	12	S	1	12	S																							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-BAG-BAG01-SW	VAV-H31R_BAG01A06	CMON	JR21																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-BAG-BAG02-SW	VAV-H31R_BAG01A06	CMON	JR21																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2BANC000.09	VAC-H05R_ANC01A16	A	JM17	0	12	S	0	12	S	0	12	S	5	12	IM																							
2BBAA003.06	VAC-H36R_BAA01A12	FPM,B	JM68	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	W							FS	0	1	W	0	1	W	2010 FPM This site was sampled as part of the probabilistic monitoring program. This stream had optimal habitat, with slight embeddedness and pronounced sedimentation.
2BBKF002.05	VAC-H06R_BKF01A16	B	JM16	0	2	S	0	2	S	0	2	S																			FS							2014 Bio
2BBNC001.23	VAC-H02R_BNC01A02	B	JM05	0	4	S	0	4	S	0	4	S																			FS							2009-2010/2012 BIO This stream is in the George Washington National Forest and has optimal riffle habitat. The stream experiences more sedimentation and embeddedness than others in the area due to road crossings upstream. The USFS sampled this site in spring 2008 and calculated an SCI score of 62.7. 2BBNC-5042-USFS Level III Assessment - FS
2BBNC-5042-USFS	VAC-H02R_BNC01A02	CMON	JM05																												UN							USFS Benthic Samples
2BBOB000.19	VAV-H13R_BOB01A10	A	JM32	0	12	S	0	12	S	0	12	S	5	12	IM																							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2BBYN000.59	VAC-H21R_BYN01A12	B	JM53	0	6	S	0	5	S	0	6	S																			FS							2009/2012/2014 BIO This stream had adequate epifaunal substrate and relatively stable banks, but was experiencing some sediment deposition.
2BBYR000.08	VAP-H34R_BYR01A98	FPM,B	JM61	0	2	S	0	2	S	0	2	S	0	1	W				0	IN	0	S	0	S							FS							2011 sed; 2011 benthics; no data since 2014 cycle
2BCBL002.86	VAV-H09R_CBL01A00	PA,B	JM22	0	13	S	0	13	S	0	13	S	1	12	S				0	W	0	S									FS							WQS - Basin 2A: Section 11: Class VI: Special Standards:
2-BCM000.79	VAP-J16R_BCM01A04	TM	JA41	0	12	S	4	12	IM	1	12	S									0	S																New Station in 2016 cycle
2-BCR000.20	VAC-H05R_BCR01A00	A	JM12	0	0	W	0	0	W	0	0	W	3	24	IM						0	W	0	W	0	W												
2-BCR007.68	VAC-H05R_BCR01A00	FPM,B	JM12	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S			0	W					FS							2012 FPM There is some sedimentation and bank erosion occurring in Beaver Creek, but otherwise it has optimal habitat.
2-BDC000.79	VAP-H38R_BDC01A98	A,TM	JM79	0	24	S	0	24	S	1	24	S	5	12	IM																							PWS; no E. coli data since 2014 cycle
2BECH000.53	VAC-H02R_ECH01A02	B	JM05	0	4	S	0	4	S	0	4	S																			FS							2009-2010 BIO This stream is in the George Washington National Forest and has optimal habitat.
2-BEK000.10	VAC-H05R_BEK01A06	A	JM14	0	12	S	0	12	S	0	12	S	6	12	IM						0	S																
2-BEK001.40	VAC-H05R_BEK01A06	B	JM14	0	3	S	0	3	S	0	3	S																			FS							2009-2010 Bio The riffles in this section of Beck Creek were mostly bedrock covered in an algal film. The watershed is mostly forested with some agriculture and a gravel road bordered the stream on the left bank.
2-BEP-BVE01-SW	VAV-H30R_BEP01A12	CMON	JR18																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10s: Class III: Special Standards: PWS
2-BFC001.11	VAC-H36R_BFC01A08	A,B	JM66	0	14	S	0	14	S	0	14	S	1	12	IM						0	S									IM							2013 Bio New IM - Buffalo Creek had marginal habitat availability and moderate sediment deposition.
2-BFL002.00	VAC-J02R_BFL02A02	A,B,TM	JA08	0	3	S	0	3	S	0	3	S	0	0	W						0	W	0	W	0	W					FS							2010/2014 Bio Appomattox River Basinwide TMDL Study SCI scores are higher in the fall season due to increased leaf pack availability. Habitat very dependent on large woody debris, which trap leaf packs. The spring 2005 sample was taken in June, which may have excluded early emergent families. This may have caused an inconsistent SCI score for this sample. Spring 2006 was uncharacteristically dry, which may account for the slightly low SCI score for that sample. These data are reflected in the upstream sample at site 2-BFL009.69. This site has pronounced sediment deposition, and marginal/suboptimal epifaunal substrate. Need additional data in order to accurately characterize this stream; Will revisit site.

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-BFL009.69	VAC-J02R_BFL02A02	B,CR,A	JA08	0	2	S	0	2	S	0	2	S																			FS							Citizen Monitoring Request 2012 Biomon SCI scores are higher in the fall season due to increased leaf pack availability. Habitat very dependent on large woody debris, which trap leaf packs. 2010 samples were collected in early September, Stream had abundant new-fall and stable habitat in 2012 with good flows.
2-BFL011.03	VAC-J02R_BFL02A02	A,TM,TR	JA08	0	34	S	0	34	S	0	36	S	8	35	IM						0	S																Appomattox River Basinwide TMDL Study Trend Analysis Performed - Statistically significant trends detected (TN - increasing)
2-BFL011.64	VAC-J02R_BFL03A06	FPM,B	JA08	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	W	0	W					FS							2008 FPM
2-BFL016.60	VAC-J02R_BFL03A06	A	JA07	0	12	S	0	12	S	0	12	S	3	12	IM						0	S																
2-BFL016.79	VAC-J02R_BFL03A06	FPM,B	JA07	0	1	W	0	1	W	0	1	W							0	W	0	W	0	W	0	W					FS							2012 Carryover Prob Mon
2BFL-BUF0-CVW	VAC-J02R_BFL02A02	CMON	JA08										7	27	IM																							Clean Virginia Waterways Station
2BFL-BUF15-CVW	VAC-J02R_BFL02A02	CMON	JA08										3	33	IM																							Clean Virginia Waterways Station Formerly 2BFL-B-CVW
2BFL-BUF3-CVW	VAC-J02R_BFL02A02	CMON	JA08										2	36	S																							Clean Virginia Waterways Station Formerly 2BFF-B-CVW
2-BGC000.58	VAC-H20R_BGC01A98	A,B	JM58	0	2	S	0	2	S	0	2	S	2	12	IM						0	S																2013 Bio
2-BGC005.37	VAC-H20R_BGC02A04	SS,A,C	JM58	0	12	S	0	12	S	0	12	S									0	S							0	S								2008 Ammonia Special Study
2BGOW000.76	VAV-H15R_GOW01A16	PA	JM36	0	11	S	0	11	S	0	11	S	5	10	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2BGOW001.00	VAV-H15R_GOW01A16	A,B,FPM	JM36	0	2	S	0	2	S	0	2	S	2	2	IM				0	W											FS							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-BGU001.39	VAC-J06R_BGU01A98	A,TM	JA18	0	0	W	0	0	W	0	0	W	2	9	IM						0	W	0	W	0	S												Appomattox Basin TMDL
2-BGU005.67	VAC-J06R_BGU01A98	A,B	JA18	0	14	S	0	14	S	0	14	S	5	12	IM						0	S									FS							2013 Bio This stream exhibits seasonal variability around the assessment threshold. Because of the lower spring SCI score this site will be sampled again in the future to determine if degradation is occurring.
2BHOX000.62	VAC-H21R_HOX01A08	B,PA	JM53	0	16	S	0	15	S	0	16	S	2	12	IM																IM							2009/2012 BIO Biologist notes from 2009 indicated that the riffles were highly embedded and unstable, which was likely a result of relatively unstable stream banks and heavy local watershed erosion. Sediment is a likely stressor in this stream.
2-BID002.11	VAV-H29R_BID01A00	A	JR16	0	12	S	0	12	S	0	12	S	2	12	IM																							WQS - Basin 2B: Section 10m: Class III: Special Standards: PWS
2-BID-BKI01-SW	VAV-H29R_BID01A00	CMON	JR16																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10m: Class III: Special Standards: PWS
2-BID-BKX01-SW	VAV-H29R_BID02A00	CMON	JR16																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10m: Class III: Special Standards: PWS
2-BIO000.45	VAC-H36R_BIO01A08	A,B	JM70	0	16	S	0	16	S	0	16	S	0	12	S						0	S									IM							2009/2014 Bio This site is in the Cumberland State Forest and had marginal bank stability, pronounced sediment deposition, and suboptimal epifaunal substrate.
2BJMS110.53	VAP-H39R_JMS03A98	TM,B	JM86	0	9	S	0	9	S	0	9	S																			FS							2009-2013 benthics
2BJMS113.47	VAP-H39R_JMS02A98	FPM,B	JM86	0	2	S	0	2	S	0	2	S	0	1	W				0	IN	0	S	0	S							FS							2009 Probmon; no new data since 2012 cycle
2BJMS118.99	VAP-H39R_JMS01A98	C	JM85																						0	S			1	IM								2014 sediment PCBs ok; 2014 FT PCBs - blue catfish, flathead catfish, carp, gizzard shad
2BJMS136.77	VAP-H38R_JMS02A04	FPM,TM,B	JM78	0	15	S	0	15	S	0	15	S	0	2	S				0	S	0	S	0	S							FS							2010 Probmon; 2010 and 2014 benthics/metals
2BJMS143.23	VAP-H38R_JMS01A06	FPM,B	JM78	0	2	S	0	2	S	0	2	S	0	1	W				0	IN	0	S	0	S							IN							2011 probmon; no data since 2014 cycle
2BJMS181.54	VAC-H20R_JMS01A02	FPM	JM50	0	1	W	0	1	W	0	1	W	0	1	W				0	W	0	W																2012 FPM - Large River
2BJMS182.94	VAC-H17R_JMS01A00	C	JM45																										2	IM								2014 FT/Sediment PCBs 3 Species
2BJMS195.54	VAC-H17R_JMS01A00	PA	JM42	0	12	S	0	12	S	0	12	S	2	12	IM																							
2BJMS196.16	VAC-H17R_JMS01A00	FPM,B	JM42	0	1	W	0	1	W	0	1	W	0	1	W				0	W	0	S									J							2013 Boatable Probmon Large rivers are non-target for current DEQ sampling techniques. No assessment tool is available for large river benthic communities.
2BJMS211.77	VAC-H14R_JMS01A00	C	JM35																										1	O								2014 FT/Sediment PCBs 1 Species
2BJMS264.58	VAC-H03R_JMS06A02	FPM,B	JM07	0	2	S	0	2	S	0	2	S	0	1	W			NA	0	W	0	S	0	W							J							2010 FPM This section of the James River was sampled as part of the probabilistic monitoring program. Large river non-target for current DEQ sampling techniques. No assessment tool available for large river benthic communities.
2BJMS-53-ACB	VAP-H39R_JMS01A98	CMON	JM86	1	43	S	0	42	S	0	39	S																										ACB - level 3
2BJMS-J25-JRA	VAP-H38R_JMS02A04	CMON	JM78	0	13	S							6	12	IN/O																							James River Association; Level II E. coli and Level III temp
2-BKC001.43	VAV-H09R_BKC01A14	A,B	JM24	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 11c: Class III: Special Standards: PWS
2-BKC001.55	VAV-H09R_BKC01A14	B	JM24	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 11c: Class III: Special Standards: PWS
2-BKM002.01	VAV-H25R_BKM01A00	A	JR06	0	12	S	0	11	S	0	12	S	2	12	IM																							WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-BKM004.79	VAV-H25R_BKM01A00	A,B	JR06	0	2	S	0	2	S	0	2	S																			FS							WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-BKM-BKM01-SW	VAV-H25R_BKM01A00	CMON	JR06																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-BKM-BKM04-SW	VAV-H25R_BKM01A00	CMON	JR06																												J							WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-BKM-BKM06-SW	VAV-H25R_BKM01A00	CMON	JR06																												FS							WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-BKM-BKU03-SW	VAV-H25R_BKM01A00	CMON	JR06																												FS							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-BKW000.40	VAC-H03R_BKW01A00	A,TM,B	JM10	0	4	S	0	4	S	0	4	S			IM						0	S	0	S	0	S					IM							Bacteria data dropped out, still impaired (4/12 last count) Lynchburg CSO/Urban Non-Point Source 2007 Lynchburg TMDL 2007/2011 Bio Habitat assessment scores at this site were low for epifaunal substrate, sediment deposition, bank stability and bank vegetative protection. Blackwater Creek is an urban stream with many non-point sources of pollution, in addition to scouring and high sediment loads during rain events. It has a uniform stream bottom with little instream habitat.
2-BKW004.87	VAC-H03R_BKW01A00	B	JM10	0	5	S	0	5	S	0	5	S									0	W									IM							2007, 2009-2011 Bio This section of Blackwater Creek has an excellent riparian zone for an urban area, but has poor bank stability, increased embeddedness and sediment deposition, and marginal epifaunal substrate. The fall 2011 SCI score shows improvement and monitoring will continue at this site.
2-BKW005.95	VAC-H03R_BKW01A00	A	JM10	0	10	S	0	10	S	0	10	S	3	12	IM						0	S																Urban Non-Point Source
2-BKW006.76	VAC-H03R_BKW01A00	C	JM10																				0	S	0	S	0	S	1	O								2005 FT/Sediment Station OE - PCB 1 Species
2-BKW007.19	VAC-H03R_BKW01A00	TM	JM10			W			W			W	4	12	IM						0	W																
2BKW-MJ-BC-ACB	VAC-H03R_BKW01A00	CMON	JM10	0	1	W	0	1	W	0	1	W	0	1	IN																							Alliance for the Chesapeake Bay Level III - Field Data & Level II - Bacteria Data
2-BLG012.33	VAP-H37R_BLG02A08	TM	JM77	0	11	S	0	11	S	0	11	S	0	11	S						0	S																
2BLIR007.16	VAV-H10R_LIR01A00	A,B,FPM	JM25	0	1	W	0	1	W	0	1	W	0	1	W				0	W	0	W									FS							WQS - Basin 2B: Section 11d: Class VI: Special Standards:
2-BLO001.85	VAP-J11R_BLO01A00	A,TM	JA30	0	48	S	15	46	IM	3	47	S	6	48	IM						0	S																
2-BLR003.00	VAC-H17R_BLR01A00	A,TM	JM42			W			W			W	3	18	IM						0	S																
2-BLU-BLU02-SW	VAV-H27R_BLU01A04	CMON	JR10																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2BMAR-36-CWT	VAP-H39R_MAR01A08	CMON	JM83	0	18	IN				0	28	IN																										Chesterfield WaterTrends - level II
2BMCM014.13	VAV-H23R_MCM01B10	FPM	JR01	0	3	S	0	3	S	0	3	S	0	2	S				0	S	0	S																WQS - Basin 2B: Section 10h: Class III: Special Standards:
2BMNF000.10	VAV-H24R_MNF01A00	A	JR03	2	6	IM	0	6	S	1	6	IN	0	6	S																							WQS - Basin 2B: Section 10i, Class VI: Special Standards:
2BMSC002.46	VAV-H28R_MSC01A00	SS	JR15																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2BMSC003.06	VAV-H28R_MSC01B12	SS	JR15																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2-BNF003.52	VAC-H11R_BNF02A02	FPM,B	JM28	0	2	S	0	2	S	0	2	S							0	W	0	S	0	W	0	W					FS							2001 Probabilistic Monitoring - 2007-2008/2010 Follow-up This is a high gradient stream in the national forest.
2-BNF-5123-USFS	VAC-H11R_BNF03A06	USFS	JM28																												UN							USFS Level III Bio Assessments
2-BNP-BVD01-SW	VAV-H27R_BVM01A00	CMON	JR09																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-BOR000.02	VAP-H39R_BOR01A02	A,TM	JM83	0	3	S	0	3	S	0	3	S	3	3	IM																							No data since 2014 cycle
2-BOR001.73	VAP-H39R_BOR01A02	A,TM	JM83	0	27	S	4	27	IM	1	27	S	4	15	IM																							PWS
2-BOT-BST01-SW	VAV-H31R_BOT01A12	CMON	JR19																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-BOW001.99	VAC-J01R_BOW01A10	TM,B	JA02	0	2	S	0	2	S	0	2	S			W																FS							2013 Bio
2BOWN002.52	VAC-H08R_OWN01A06	A	JM20	0	12	S	0	12	S	0	12	S	1	12	S																							
2BPRS001.90	VAV-H10R_PRS01A00	B,PA,FPM	JM25	0	12	S	0	11	S	0	12	S	0	12	S				0	W	0	S									FS							WQS - Basin 2B: Section 11: Class VI: Special Standards:
2-BRI001.00	VAC-J05R_BRI01A98	A,TM	JA10	0	12	S	0	12	S	0	12	S	2	12	IM						0	S																
2-BRI004.01	VAC-J05R_BRI01A98	TM	JA10			W			W			W	2	11	IM																						
2-BRI007.80	VAC-J05R_BRI01A98	FPM,B	JA10	0	1	W	0	1	W	0	1	W			W				0	W	0	W	0	W	0	W					IM							2009 Bio This stream has marginal bank stability, increased sediment deposition, and decent epifaunal substrate. 2009 biologist field notes indicate that the snags were full of sediment and the stream appears to get high flows relatively often. Additional data needed to accurately characterize the benthic community.
2-BRI010.78	VAC-J05L_BRI01L98	L	JA10	0	296	S	3	122	S	4	296	S	0	20	S						0	S	0	S	0	S								0	2	S		2009-2013 Briery Creek Lake Pooled Data: DO - 7/184
2-BRI013.12	VAC-J05L_BRI01L98	L	JA10	0	189	S	9	124	S	0	189	S	0	28	S						0	S	0	S	0	S												2009-2013 Briery Creek Lake Not in Lacustrine Zone Pooled Data: DO - 7/184
2-BRK001.00	VAC-H36R_BRK01A08	A,B	JM68	0	16	S	0	16	S	0	16	S	0	12	S						0	S									FS							2009 BIO This site is in the Cumberland State Forest and exhibited marginal bank stability, pronounced sediment deposition, and marginal epifaunal substrate.
2BRKR012.86	VAV-H13R_RKR01A00	PA,B	JM32	0	12	S	0	11	S	0	12	S	7	12	IM				0	W	0	S									FS							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2BRTS001.97	VAP-H34R_RTS01A14	B,A	JM59	0	2	S	0	2	S	0	2	S																			FS							2012 benthics

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2BRVN039.91	VAV-H28R_RVN01A00	SS	JR14																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2BRVN040.04	VAV-H28R_RVN01A00	SS	JR14																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2-BRX000.66	VAV-H23R_BRX01A00	B	JR01	0	4	S	0	4	S	0	4	S																			IM							Benthic MI in 2004 (improved) WQS - Basin 2B: Section 10: Class III: Special Standards:
2-BSC-BSC01-SW	VAV-H28R_BSC01A00	CMON	JR15																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2BSNK001.20	VAV-H28R_SNK01A02	SS	JR14																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2-BSR002.82	VAC-J03R_BSR03A02	A,TM	JA13	0	12	S	0	12	S	0	12	S	2	12	IM						0	S																
2-BSR012.33	VAC-J04R_BSR01B10	FPM,B	JA11	0	2	S	0	2	S	0	2	S	0	1	W						0	W									FS							2014 FPM
2-BSR017.69	VAC-J04R_BSR01B10	PA,B	JA11	0	12	S	0	12	S	0	12	S	3	12	IM																IM							2008 Bio Station This site was monitored in order to supplement probabilistic monitoring data from probabilistic monitoring site 2-BSR018.10, which can only be accessed via private land and cannot be revisited. Bush River has evidence of extremely high flows with very high sedimentation occurring instream. The habitat assessment scores very low for bank stability and bank vegetative protection. In the fall of 2008 a new clear-cut was noted on the right bank. The riffles had become more embedded, reducing available habitat for benthic macroinvertebrates.
2-BSR018.10	VAC-J04R_BSR01B10	FPM,B	JA11			W			W			W			W					W		W		W		W					J							2005 Probabilistic Monitoring Condition of stream drastically different seasonally, therefore an accurate assessment is not possible without additional data. This site was part of the probabilistic monitoring program and can only be accessed via private land, therefore it will not be revisited. Seasonal difference noted. Abundant algal floc dominated riffles in spring but was not present in fall.
2-BTC000.16	VAC-H07R_BTC01A00	A,TM	JM18	0	12	S	0	12	S	0	12	S	2	12	IM						0	S		W		W												
2BTYS000.85	VAV-H09R_TYS01A00	B	JM21																												FS							WQS - Basin 2B: Section 11: Class VI: Special Standards:
2-BUF002.10	VAC-H12R_BUF01A00	A,B,TR	JM31	0	48	S	0	48	S	0	48	S	14	48	IM						0	S		W		W					FS							Trend Analysis Performed - Statistically significant trends were detected (TN-decreasing & TSS, decreasing) 2010 - Nelson County Master Gardeners Site #16 0/6 EC - Level II Data
2-BUF011.95	VAC-H11R_BUF01A00	TM	JM29	0	11	S	0	11	S	0	11	S	4	12	IM						0	S																Buffalo River TMDL station
2-BUF013.53	VAC-H11R_BUF01A00	A	JM29	0	12	S	0	12	S	0	12	S	2	12	IM						0	S	0	S	0	S												
2-BUF023.21	VAC-H11R_BUF03A00	A	JM29	0	22	S	0	22	S	0	24	S	5	24	IM						0	S	0	W	0	W												
2-BUF026.43	VAC-H11R_BUF04A08	B,TM	JM28	0	27	S	0	27	S	0	27	S	9	12	IM				0	S											IM							TMDL Monitoring 2006/2009-2011 Bio Mon. This stream has good riffles but algae are dominant, indicating potential nutrient enrichment. It also has excessive sediment deposition, likely due to its location in an agricultural watershed with pasture adjacent to the left bank.
2-BUF026.58	VAC-H11R_BUF04A08	TM	JM28	0	13	S	0	13	S	0	13	S	7	12	IM				0	S	0	S																Buffalo River TMDL station
2-BUF030.41	VAC-H11R_BNF01A02	TM,B	JM28	0	13	S	0	13	S	1	13	S	1	12	S						0	S									FS							2011 Bio This section of the Buffalo River is characterized by excellent cobble riffles and optimal habitat. Buffalo River TMDL station
2-BUN000.04	VAC-H03R_BUN01A06	B	JM10	0	2	S	0	2	S	0	2	S																			IM							2007 & 2011 Bio Station Burton Creek suffers from heavy algal growth in addition to fine sediments covering the stream bottom. Habitat assessment scores were low for bank stability and bank vegetative protection. An abundance of trash was noted in the stream at the time of sampling.
2-BUN001.64	VAC-H03R_BUN01A06	A,TM	JM10	0	10	S	0	10	S	0	10	S	1	12	IM						0	S																No New Data, remains impaired Urban Non-Point Source
2-BVC000.83	VAV-H16R_BVC01A04	A	JM41	0	11	S	0	11	S	0	11	S	2	12	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards
2-BVP006.58	VAP-J11R_BVP01A00	A	JA33	0	9	S	0	9	S	0	11	S	3	11	IM																							no new data since 2012 cycle
2-BVR002.19	VAV-H23L_00	L	JR02	1	162	S	1	56	S	4	162	S	0	14	S						0	S												0	2	S		WQS - Basin 2B: Section 10g: Class III: Special Standards: PWS
2-BVR-BVV02-SW	VAV-H23R_BVR02A04	CMON	JR02																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10g: Class III: Special Standards: PWS
2BWTN007.39	VAC-H21R_WTN01A08	FPM,B	JM54	0	2	S	0	2	S	0	2	S	0	1	W				0	W			0	W					0	W	FS							2010 FPM This site was sampled as part of the probabilistic monitoring program and is also 0.4 miles downstream of a dam on Walton Lake.
2BXAC000.38	VAC-H14R_XAC01A12	FPM,B	JM34	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	W							FS							2010 FPM This site was sampled as part of the probabilistic monitoring program.
2BXAD000.07	VAC-H17R_XAD01A14	FPM,B	JM45	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S			0	S					FS							2011 FPM This small stream had optimal habitat.
2BXAJ-10-CWT	VAP-H39R_XAJ01A12	CMON	JM86	0	53	IN	0	29	IN	0	53	IN	2	29	IN																							previously 2BXAJ-10-FOCR - Chesterfield WaterTrends level 2
2BXAK-11-CWT	VAP-H39R_XAK01A12	CMON	JM86	0	67	IN	0	44	IN	1	67	IN	0	26	IN																							previously 2BXAK-11-FOCR - Chesterfield WaterTrends level 2
2BXAM000.19	VAP-H39R_XAM01A14	TM	JM84	0	19	S	0	19	S	0	19	S									0	S																PWS - NO3 okay

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2BXAM000.77	VAP-H39R_XAM01A14	TM	JM84	0	1	W	0	1	W	0	1	W									0	IN																No data since 2014 cycle
2BXAP001.46	VAP-H37R_XAP01A16	FPM,B	JM76	0	2	S	0	2	S	1	2	IN	0	1	W				0	IN	0	S									FS							2013 probmon
2BXAQ001.17	VAP-H33R_XAQ01A16	A	JM73	0	11	S	0	11	S	0	11	S	2	11	IM																							
2BXAS-37-CWT	VAP-H39R_XAS01A14	CMON	JM83	0	44	IN				0	57	IN																										Chesterfield WaterTrends - level II
2BXAT-26-CWT	VAP-H39R_XAT01A14	CMON	JM83	0	47	IN	0	25	IN	0	47	IN	3	19	IN/O																							Chesterfield WaterTrends - level II
2BXAV000.08	VAP-H38R_XAV01A16	B	JM78	0	1	W	0	1	W	0	1	W																			FS							2014 benthics
2BXAY-48-CWT	VAP-H39R_XAY01A16	CMON	JM86	0	9	IN				0	9	IN																										Chesterfield WaterTrends - level II
2BXBH000.12	VAP-H39R_XBH01A14	TM	JM86	0	1	W	0	1	W	0	1	W	1	1	W						1	IN/O																2012 PCB Study - 1 sample - > HH < ALUS; no data since 2014 cycle
2BXBH-UT1-ACB	VAP-H39R_XBH01A14	CMON	JM86	0	14	S	2	13	IM	0	14	S	12	13	IM																							ACB - level 3
2BXDI-32-CWT	VAP-H39R_XDI01A14	CMON	JM86	0	2	IN				0	13	IN																										Chesterfield WaterTrends - level II
2BXMC000.10	VAV-H28R_XRC01A04	SS	JR15																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2BXRK001.64	VAV-H16R_XRK01A14	PA,B,FPM	JM40	0	14	S	0	14	S	0	13	S	2	13	IM				0	W	0	S									FS							WQS - Basin 2B: Section 10: Class III: Special Standards:
2BXZF000.38	VAC-H21R_XZF01A10	B	JM53	0	2	S	0	2	S	0	2	S																			FS							2011 Biomon Some sedimentation but good habitat present.
2-BYN001.90	VAC-H21R_BYN01A12	FPM,B	JM53	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	W									FS							2014 FPM
2-BYR003.35	VAP-H34R_BYR01A98	A	JM60	0	23	S	0	23	S	1	23	S	4	22	IM																							
2-BYR018.04	VAP-H34R_BYR01A98	B,A	JM60	0	4	S	0	4	S	0	4	S																			IN							2012 and 2014 benthics
2-CBH000.29	VAC-J01R_CBH01A10	A,B	JA04	0	2	S	0	2	S	0	2	S	0	0	W						0	W									FS							2013 Bio
2-CCC001.15	VAP-J14R_CCC01A06	TM	JA39	0	16	S	0	16	S	1	16	S									0	S																PWS
2-CFK001.31	VAV-H32R_CFK01A00	B	JR20	0	4	S	0	4	S	0	4	S																			IM							WQS: Basin 2B: Section 11: Class III Special Standards:
2-CFK004.34	VAV-H32L_00	L	JR20	0	122	S	6	42	IM	11	115	S	0	13	S						0	S													0	2	S	Remains impaired for DO in 2016. WQS - Basin 2B: Section 11: Class III Special Standards:
2CJMS-J10-JRA	VAP-G01E_JMS01A02	CMON	JM86		14	NA							2	13	IN/O																							James River Association; Level II E. coli and Level III temp
2CJMS-J15-JRA	VAP-G01E_JMS01A02	CMON	JM86		14	NA							2	13	IN/O																							James River Association; Level II E. coli and Level III temp
2CJMS-J20-JRA	VAP-H39R_JMS03A98	CMON	JM86	0	14	S							2	13	IN/O																							James River Association; Level II E. coli and Level III temp
2-CKD-CB1-ACB	VAP-H39R_XCK01A14	CMON	JM86	0	37	S	1	35	S	1	37	S	9	35	IM																	18						ACB - level 3
2-CKD-CB2-ACB	VAP-H39R_XCK01A14	CMON	JM86	0	5	S	0	4	S	0	5	S																										ACB - level 3
2-CLC000.62	VAP-J15R_CLC01A12	A	JA40	0	10	S	0	10	S	0	12	S	5	12	IM																							no new data since 2012 cycle
2-CLR001.23	VAP-J11R_CLR01B10	TM	JA30	0	48	S	14	46	IM	2	47	S	6	48	IM						0	S																
2-CLR007.04	VAP-J11R_CLR01A00	TM	JA30	0	48	S	4	6	S	0	47	S	12	46	IM																							
2-CMN-XNM01-SW	VAV-H32R_XPA01A06	CMON	JR20																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-CNE000.96	VAC-J01R_CNE01A10	B	JA04	0	6	S	0	6	S	0	6	S			IM						0	S									IM							Vaughns Creek LDA TMDL Monitoring 2008/2012/2013/2014 Bio Dairy cows have access to stream, though it is a very wooded area. Habitat consisted of numerous log jams, some good cobble riffles and some gravel riffles. The riffles weren't very embedded but sedimentation was high throughout the rest of the stream. Nitrogen concentrations in the stream were high, indicating a nutrient problem. Extreme seasonal variation in SCI scores, therefore additional monitoring is needed to accurately assess water quality in this stream reach.
2-CNM001.75	VAV-H32R_CNM01A00	A,B	JR20	0	3	S	0	3	S	0	3	S																			IM							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-CNM004.16	VAV-H32R_CNM02A04	A	JR20																																			WQS - Basin 2B: Section 11: Class III: Special Standards: Station used for use support/non-support in previous cycles. No 2016 data.
2-CNM-CNM07-SW	VAV-H32R_CNM01A00	CMON	JR20																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-COO002.35	VAC-H21R_COO01A08	B	JM53	0	2	S	0	2	S	0	2	S									0	S	0	W	0	W					FS							Previous FPM Station - Regional Bio Most habitat metrics were optimal.
2-COV003.44	VAV-H16R_COV01A00	A	JM39	0	11	S	0	11	S	0	11	S	7	12	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2CPWT-PWC-ACB	VAP-H39R_PWT01A98	CMON	JM86	0	1	W	0	1	W	0	1	W																										ACB - Level 3
2-CRR000.27	VAV-H29R_CAR01A06	A,B	JR17	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 10m: Class III: Special Standards:
2-CRR-CRL01-SW	VAV-H29R_CAR01A06	CMON	JR17																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10m: Class III: Special Standards: PWS
2-CRY000.69	VAV-H31R_CRY01A08	A,B	JR22	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-CRY-CYC01-SW	VAV-H31R_CRY01A08	CMON	JR22																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-CUR001.58	VAP-J17R_CUR01A08	A,TM	JA44	0	14	S	0	14	S	11	14	IM									0	S																no new data since 2012 cycle
2-CVE000.03	VAC-H11R_CVE01A06	B	JM28	0	2	S	0	2	S	0	2	S																			FS							2010 Bio Tier III stream in National Forest.
2-CXB000.86	VAV-H32R_CXB01A00	A,B	JR20	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 11: Class III: Special Standards: change from IM in 2012. Benthics status change from 2014.
2-CXB005.39	VAV-H32R_CXB01A00	A	JR20	0	12	S	0	11	S	0	12	S	0	12	S																							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-CXB-CXB02-SW	VAV-H32R_CXB01A00	CMON	JR20																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-CXB-CXB04-SW	VAV-H32R_CXB01A00	CMON	JR20																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2CXBI000.23	VAP-G02R_JOD01A04	TM	JA45																		0	IN																2012 PCB Study - 1 sample - ok

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2CXBJ000.19	VAP-J15R_XBJ01A14	C,TM	JA40																		1	O							1	O								New station 2014 cycle 2012 PCB violation (1/1) OE Fish Consumption
2CXBK000.08	VAP-J15R_XBK01A14	C,TM	JA40																		0	S							0	S								New station 2014 cycle 2012 PCB 0/1(S)
2CXBR000.10	VAP-G02R_JOD01A04	TM	JA45	0	11	S	0	12	S	3	12	IM																										
2CXBR000.68	VAP-G02R_JOD01A04	TM	JA45	0	11	S	1	12	S	4	12	IM																										
2CXBR001.15	VAP-G02R_JOD01A04	TM	JA45	0	12	S	0	12	S	4	12	IM																										
2CXBS000.62	VAP-G02R_JOD01A04	TM	JA45	0	11	S	4	11	IM	6	11	IM																										
2CXBS002.85	VAP-G02R_JOD01A04	TM	JA45	0	10	S	1	10	S	7	10	IM																										
2DAPP001.12	VAP-J15E_APP02A98	A,SS	JA45	0	1	W	0	1	W	0	1	W							0	S			0	S														2009 sed, water metals, no new data since 2012 cycle
2DAPP001.49	VAP-J15E_APP02A98	A,SS	JA45	0	1	W	0	1	W	0	1	W							0	S			0	S														2009 sed, water metals, no new data since 2012 cycle
2DAPP001.91	VAP-J15E_APP02A98	C2,SS	JA45	0	1	S	0	1	S	0	1	S							0	S			0	S														1 sample event/WOE 2006 Category 5A TF-M Scenario1, 2009 sed, water metals, no new data since 2012 cycle
2DAPP003.27	VAP-J15E_APP02A98	CB,FPM	JA45	0	8	W	0	8	W	0	8	W	1	1	W				0	S	0	IN																water metals 2011; WOE scenario 3 Category 2B OE-PAH; no new data since 2014 cycle
2DAPP005.53	VAP-J15E_APP02B12	C2	JA45	0	1	W	0	1	W	0	1	W	0	1	S				0	S	0	IN																2009 water metals WOE 2009 Category 3B TF Scenario 8. no new data since 2012 cycle
2DAPP015.51	VAP-J15R_APP01A98	A,FPM,B	JA40	0	2	W	0	2	W	0	2	W	0	1	IN				0	S	0	S	0	S							IM							2009 sed, water metals, benthic, no new data since 2012 cycle
2DAPP050.84	VAP-J10R_APP01A98	A,FPM,B	JA28	0	2	W	0	2	W	0	2	W	0	1	W				0	S	0	S	0	S							FS							2009 sed, water metals, benthic, no new data since 2012 cycle
2DAPP055.68	VAP-J07R_APP01A98	A,FPM,B	JA23	0	1	W	0	1	W	0	1	W									0	IN									FS							Benthic 2011; no new data since 2014 cycle
2DAPP112.19	VAC-J01R_APP05A04	FPM,B	JA05	0	1	W	0	1	W	0	1	W	0	1	W				0	W	0	S									FS							2013 Boatable FPM The Appomattox River is wadeable in this section.
2DBRI007.10	VAC-J05R_BRI01A98	B,A	JA10	0	14	S	0	14	S	0	14	S	2	14	IM																IM							2009/2012/2013/2014 Bio This stream has marginal bank stability, increased sediment deposition, and decent epifaunal substrate. 2009 biologist field notes indicate that the snags were full of sediment and the stream appears to get high flows relatively often.
2-DCR003.00	VAP-H33R_DCR01A98	A	JM74	0	23	S	3	23	IM	0	23	S	2	23	S																							Cont monitoring - no DO violations since 2012
2-DCW-30-FOCR	VAP-J16R_DRY01A14	CMON	JA41	0	20	IN				0	28	IN																										Chesterfield Water Trends Level II data
2DFSP000.30	VAC-J01R_FSP01A06	FPM,B	JA03	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	W							FS							2009 FPM This site was sampled as part of the probabilistic monitoring program.
2DHAW000.81	VAP-J08R_HAW01A12	A,FPM,B	JA27	0	2	W	0	2	W	0	2	W	0	1	W				0	S	0	S	0	S							IN							2009 sed, water metals, no new data since 2012 cycle
2-DKR001.68	VAC-J01R_DKR01A12	A	JA05	0	10	S	0	10	S	0	10	S	4	12	IM																							
2-DMG000.58	VAC-H03R_DMG01A08	TM	JM10										3	12	IM																							NO NEW DATA Remains impaired for bacteria, ALUS assessment drops out
2DNBX002.33	VAP-J09R_NBB01A12	A,FPM,B	JA26	0	3	S	0	3	S	0	3	S	1	1	W				0	S	0	S	0	S							IM							2011 water metals benthic and sediment metals; no new data since 2014 cycle
2-DNC-5090-USFS	VAC-H02R_DNC01A02	USFS	JM05																												UN							USFS Level III Bio Assessment
2DOTD002.52	VAP-J16R_OTD01A14	A,B	JA41	0	2	S	0	2	S	1	2	IN																			IN							2011 Benthic; no new data since 2014 cycle
2-DPC000.59	VAP-J11R_DPC01C02	TM	JA33	0	51	S	0	49	S	1	50	S	16	48	IM						0	S																
2-DPC005.20	VAP-J11R_DPC01B00	A,CB,TM,TR	JA32	0	115	S	3	113	S	4	114	S	11	114	S						0	S																trend station
2-DPC017.07	VAP-J11R_DPC02A00	A	JA29	0	12	S	8	12	IM	0	12	S	1	12	S																							Class VII water
2-DPC019.03	VAP-J11R_DPC02A00	PA,TM	JA29	0	62	S	27	60	IM	0	61	S	4	60	S						0	S																Class VII water
2-DPR001.00	VAP-H39R_DPR02A00	A	JM84	0	10	S	2	10	IM	1	12	S	5	12	IM																							PWS; no new data since 2012 cycle
2-DPR002.46	VAP-H39R_DPR01A00	TM	JM84	0	8	S	0	8	S	0	8	S									0	S																PWS
2-DPR003.75	VAP-H39R_DPR01A00	TM,FPM,B	JM84	0	9	S	0	9	S	0	9	S	0	1	W				0	IN	0	S									IM							PWS; 2014 benthics, metals
2DRCE001.21	VAC-J04R_RCE01A12	FPM,B	JA11	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	W							J							2009 FPM This site was sampled as part of the Probabilistic Monitoring program and is immediately downstream of a dam. The next bridge is approximately 0.25 miles downstream. Non-target due to proximity to dam. Will follow up at nearest bridge if accessible.
2DRCE002.44	VAC-J04R_RCE01A12	B	JA11	0	2	S	0	2	S	0	2	S																			IM							2012 Bio This site has unstable banks and sediment deposition. Habitat availability improved somewhat in the fall. This site was monitored as a follow-up to probabilistic station 2DRCE001.21 that was located on private property and could not be revisited.
2DSDY008.80	VAC-J03R_SDY02A12	B	JA14	0	4	S	0	4	S	0	4	S																			IM							2009 & 2012 Bio This stream had marginal bank stability, obvious sediment deposition, and marginal epifaunal substrate. 2009 biologist field notes indicate that every surface was covered in algae. The water was very sluggish and there were beaver dams upstream and downstream.
2DSTY001.96	VAP-J14R_STY01A08	A,TM	JA39	0	14	S	0	14	S	2	14	IM									0	S																PWS
2DTRO001.88	VAP-J17R_TRO01A00	A,B	JA42	0	2	S	0	2	S	1	2	IN																			FS							2011 Benthic; no new data since 2014 cycle
2-DVD000.23	VAC-H08R_DVD01A00	A,B	JM19	0	12	S	0	12	S	0	12	S	4	12	IM						0	S									FS							2012 - New EC Impairment Good riffles with plenty of available habitat.
2-DVS001.23	VAP-H33R_DVS01A00	A	JM71	0	10	S	0	10	S	1	12	S	2	12	IM																							No new data since 2012 cycle
2DWDY005.35	VAP-J11R_WDY01A00	A,FPM,B	JA29	0	4	S	0	4	S	0	4	S	2	2	IM				0	S	0	S	0	S							FS							2009,2010 sed, water metals, benthic no new data since 2012 cycle

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2DXAH000.79	VAC-J06R_XAH01A16	FPM,B	JA18	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S									J							2013 FPM This stream had moderate sediment deposition occurring in addition to having relatively unstable banks. This site was part of the probabilistic monitoring program and can only be accessed via private land, therefore it will not be revisited.
2-DYC000.19	VAP-J16L_SFT02A98	L	JA41	0	63	S	3	59	S	1	63	S	0	12	S						0	S										0	2	S	0	2	S	4C: Top 0/31; bottom 3/5; TSIs
2-DYL-DOU02-SW	VAV-H24R_DYL02A10	CMON	JR04																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class IV: Special Standards:
2-DYL-DOU03-SW	VAV-H24R_DYL02A10	CMON	JR04																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class IV: Special Standards:
2-DYL-DOU04-SW	VAV-H24R_DYL02A10	CMON	JR04																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class IV: Special Standards:
2-DYL-DOY01-SW	VAV-H24R_DYL01A00	CMON	JR04																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-ECH-5100-USFS	VAC-H02R_ECH01A02	USFS	JM05																												UN							USFS Level III Bio Assessment
2-EFK001.55	VAP-H34R_EFK01A10	B,A	JM59	0	1	W	0	1	W	0	1	W																			FS							2010 benthics; no new data since 2012 cycle
2-FIN000.81	VAP-H38R_FIN01A98	A,TM,SS,TR	JM80	0	48	S	0	48	S	0	50	S	3	38	S						0	S																PWS; Trend analysis - increasing DO, pH - decreasing SC
2-FLA001.95	VAP-J08R_FLA01A00	A,TM	JA27	0	49	S	0	47	S	0	48	S	20	48	IM																							
2-FLA013.95	VAP-J08R_FLA02A02	A,TM	JA25	0	48	S	4	46	S	0	47	S	8	48	IM																							
2-FLA018.71	VAP-J08R_FLA02A02	A	JA25	0	12	S	1	12	S	0	12	S	3	12	IM																							no new data since 11/2012
2-FLA028.98	VAP-J08R_FLA02A02	A,TM	JA24	0	47	S	0	45	S	0	46	S	15	47	IM																							
2-FNK001.12	VAP-J17R_FNK01A00	TM	JA44	0	12	S	0	12	S	0	12	S									0	S																
2-FRY000.35	VAC-H21R_FRY01A00	B	JM51	0	2	S	0	2	S	0	2	S									0	S									FS							2013 Bio Beaver activity in the spring may have caused the reduction in SCI score. Because of the lower spring SCI score this site will be sampled again in the future to determine if degradation is occurring.
2-FSG000.85	VAC-H03R_FSG01A00	A,TM	JM11	0	11	S	0	11	S	0	11	S	5	12	IM						0	S	0	S	0	S												Urban Non-Point Source
2-FSH-FSH01-SW	VAV-H26R_FSH01A12	CMON	JR08																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-FSH-FSH02-SW	VAV-H26R_FSH01A12	CMON	JR08																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-FSP000.53	VAC-J01R_FSP01A06	A,B,TR	JA03	0	35	S	0	35	S	0	37	S	17	36	IM						0	S									FS							2011 Bio Sedimentation increased in 2006 due to unknown activities. This is a reference stream for the south central region that will be monitored in the future.
2-GDC000.52	VAP-H33R_GDC01A14	B,SS	JM75	0	4	S	0	4	S	0	4	S																			FS							2010-2011 and 2013-2014 benthics
2-GEN000.69	VAP-H39R_GEN01A00	A	JM82	0	12	S	0	12	S	1	12	S	4	12	IM																							PWS; no data since 2014 cycle
2-GOC001.19	VAP-J10R_GOC01A08	A	JA28	0	9	S	1	9	IM	0	11	S	1	11	S																							no new data since 2012 cycle
2-GRA000.40	VAC-H04L_GRA01A02	L	JM08	0	48	S	1	22	S	0	48	S									0	S	0	S	0	S						0	1	IN	0	1	IN	2002 Graham Creek Reservoir - No New Data 2006 FC bacteria: 0/7 = S Algaecides Applied Only one sampling year
2-GRA002.89	VAC-H04R_GRA02A02	A	JM08																																			No New Data! 2006 FC bacteria: 2/3 = IM
2-GRD001.62	VAC-H21R_GRD01A08	A	JM51	0	12	S	0	12	S	0	12	S	2	12	IM						0	S																
2-GRF000.98	VAC-J06R_GRF01A04	A	JA16	0	12	S	0	12	S	0	12	S	7	12	IM						0	S																
2GRF-GRE16-CVW	VAC-J06R_GRF01A04	CMON	JA16										27	50	IM																							Clean Virginia Waterways Station
2GSK-APP-CVW	VAC-J01R_GSK01A08	CMON	JA09										3	11	IM																							Clean Virginia Waterways Station
2GSK-BLA-CVW	VAC-J01R_GSK01A08	CMON	JA09										1	8	IN																							Clean Virginia Waterways Station
2GSK-GORRVS-CVW	VAC-J01R_XZO01A08	CMON	JA09										10	30	IM																							Clean Virginia Waterways Station
2GSK-GRO2-CVW	VAC-J01R_GSK01A08	CMON	JA09										32	43	IM																							Clean Virginia Waterways Station
2GSK-GRO3-CVW	VAC-J01R_GSK01A08	CMON	JA09										29	37	IM																							Clean Virginia Waterways Station
2GSK-GRO4-CVW	VAC-J01R_GSK01A08	CMON	JA09										29	41	IM																							Clean Virginia Waterways Station
2GSK-GROCL-CVW	VAC-J01R_GSK01A08	CMON	JA09										3	11	IM																							Clean Virginia Waterways Station
2GSK-GROFRA-CVW	VAC-J01R_XZO01A08	CMON	JA09										16	29	IM																							Clean Virginia Waterways Station
2GSK-GROLWA-CVW	VAC-J01R_XZO01A08	CMON	JA09										10	15	IM																							Clean Virginia Waterways Station
2GSK-GROLWU-CVW	VAC-J01R_XZO01A08	CMON	JA09										15	33	IM																							Clean Virginia Waterways Station
2GSK-GROPUT-CVW	VAC-J01R_GSK01A08	CMON	JA09										25	40	IM																							Clean Virginia Waterways Station
2GSK-GRORSA-CVW	VAC-J01R_XZO01A08	CMON	JA09										4	7	IM																							Clean Virginia Waterways Station
2GSK-GRORSS-CVW	VAC-J01R_XZO01A08	CMON	JA09										0	4	S																							Clean Virginia Waterways Station
2-HAK001.34	VAV-H18R_HAK01A00	A	JM47	0	12	S	0	12	S	0	12	S	1	12	S																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-HAK-4B-TJSWCD	VAV-H18R_HAK01A00	CMON	JM47	0	6	S							1	6	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HAK-5A-TJSWCD	VAV-H18R_HAK01A00	CMON	JM47	0	6	S							1	6	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HAK-5B-TJSWCD	VAV-H18R_HAK01A00	CMON	JM47	0	6	S							1	6	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HAK-8-TJSWCD	VAV-H18R_HAK01A00	CMON	JM47	0	13	S							1	27	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HAT000.14	VAV-H09R_HAT01A04	A,B	JM23	0	39	S	0	38	S	0	38	S	22	36	IM																IM							WQS - Basin 2B: Section 11d: Class III: Special Standards:

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-HAZ000.04	VAC-H04R_HAZ01A00	A	JM08	0	12	S	0	12	S	0	12	S	1	12	S						0	S	0	S	0	S												
2-HAZ007.16	VAC-H04R_HAZ01A00	B	JM08	0	4	S	0	4	S	0	4	S									0	S									FS							2011/2014 Bio Field notes indicate that habitat is lacking and/or unstable. The channel was mostly very wide and uniformly shallow, and the leaf packs were full of sand. Ammonia Special Study
2-HAZ010.92	VAC-H04R_HAZ02A08	A	JM08	0	12	S	0	12	S	0	12	S	3	12	IM						0	S																
2-HCH004.81	VAC-H36R_HCH01A04	A	JM67	0	12	S	0	12	S	0	12	S	2	12	IM						0	S																
2-HEN-HEN01-SW	VAV-H29R_HEN01A12	CMON	JR17																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-HNF000.10	VAV-H18R_HNF01A00	A	JM46	0	12	S	0	12	S	0	12	S	3	12	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-HNF005.03	VAV-H18R_HNF01A00	A	JM46	0	12	S	0	12	S	0	12	S	2	12	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-HNF-10-TJSWCD	VAV-H18R_HNF01A00	CMON	JM46	0	13	S							14	28	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HNF-7-TJSWCD	VAV-H18R_HNF01A00	CMON	JM46	0	13	S							3	28	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HNF-9-TJSWCD	VAV-H18R_HNF01A00	CMON	JM46	0	13	S							3	28	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HNS-11-TJSWCD	VAV-H18R_HNS01A08	CMON	JM46	0	13	S							5	27	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-HOI001.85	VAP-J12R_HOI01A00	TM	JA34	0	7	S	1	7	IN	1	7	IN									0	S																New Station in 2016 cycle
2-HOL001.05	VAC-J01L_HOL01A06	L,C	JA03	0	106	S	0	50	S	4	106	S	0	14	S						0	S	0	S	0	S	1	O	0	S					0	2	S	2013-2014 Holiday Lake Only one sampling year 2005 FT/Sediment OE - Hg 1 Species
2-HOL003.15	VAC-J01R_HOL01B04	FPM,B,TR	JA03	0	38	S	0	38	S	0	40	S	5	36	IM				0	W	0	S									FS							2016 - EC Impairment Added 2004 Probabilistic Monitoring This is a targeted reference site and ambient trend. 2010-2011 Bio This is a targeted reference site.
2-HOX003.60	VAC-H21R_HOX01A08	A	JM53	0	1	W	0	1	W	0	1	W																										DGIF Data Collection Site - Alkalinity/Hardness
2-HRA-PETE-02-NPS	VAP-J15R_HRA01A04	NONA	JA40	0	47	S	0	42	S	0	45	S																										NPS data level III
2-HRA-PETE-03-NPS	VAP-J15R_HRA01A04	NONA	JA40	0	42	S	0	38	S	1	42	S																										NPS data level III
2-HRC-HER01-SW	VAV-H27R_HRC01A12	CMON	JR11																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-HRD000.36	VAV-H19R_HRD01A00	A	JM49	0	11	S	0	11	S	0	11	S	1	11	S																							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-HRD002.06	VAV-H19R_HRD01A00	A,B,FPM	JM49	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	S							FS							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-HRD011.57	VAV-H19R_HRD01A00	A,TR	JM48	0	36	S	0	35	S	0	36	S	14	36	IM																							WQS - Basin 2B: Section 11: Class III: Special Standards: Trend analysis was performed at station 2-HRD011.57 in the 2006 cycle. No statistically significant trends were detected.
2-HRD-01-TJSWCD	VAV-H19R_HRD01A00	CMON	JM49	0	13	S							2	27	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-HRD-02-TJSWCD	VAV-H19R_HRD01A00	CMON	JM49	0	13	S							2	28	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-HRD-03-TJSWCD	VAV-H19R_HRD01A00	CMON	JM49	0	13	S							5	27	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-HRD-4-TJSWCD	VAV-H19R_HRD02A10	CMON	JM48	0	13	S							1	28	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-HRD-5-TJSWCD	VAV-H19R_HRD02A10	CMON	JM48	0	13	S							2	27	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-HRD-6-TJSWCD	VAV-H19R_HRD02A10	CMON	JM48	0	13	S							3	28	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-HRE000.44	VAC-J01R_HRE01A04	B,TM	JA05	0	2	S	0	2	S	0	2	S	3	11	IM						0	S									IM							2013 Bio This stream had moderate deposition of sediment and moderately unstable banks. No New EC Data
2-HRP000.42	VAC-J06R_HRP01A00	TM,SS,B	JA18	0	5	S	0	5	S	0	5	S	2	10	IM						1	O									IM			IN/O				1 Violation Chronic NH4 Observed Effects 2007-2012 Bio Small, sandy stream in low area that is likely inundated often and may dry during drought. The benthic macroinvertebrate population is probably influenced by these flow fluctuations. Habitat scores were low for sediment deposition, pool variability, bank stability, bank vegetative protection and epifaunal substrate. SCI scores straddled the impairment threshold until 2012. Sediment and organic pollution are likely stressors in this stream.
2-HUO005.87	VAW-H01R_HUO02A02	B,A	JM01	0	4	S	0	4	S	0	4	S																			FS	0	2	IN				2016 Cycle: Four VSCI surveys (2013-2014) with an average score of 76.7. Sampled as a reference site.
2-HUS002.24	VAC-H22R_HUS01A06	A,B	JM57	0	14	S	0	14	S	0	14	S	2	12	IM						0	S									FS							2013 Bio This stream exhibited high seasonal variability with the spring score being affected by a natural seasonal occurrence of black flies. This site will be monitored in the future due to this fluctuation.

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-IVA000.05	VAC-H03R_IVA01A00	B	JM09	0	2	S	0	2	S	0	2	S									0	W									IM							2007 & 2011 Bio Ivy Creek had very low flow during the spring 2007 sampling event. Ivy Creek is an urban stream with obvious dumping of trash and debris, including bricks, tires, and metal objects. The upstream portion of the sample reach has homes, lawns, and construction present up to the edges of the banks.
2-IVA000.22	VAC-H03R_IVA01A00	A,TM	JM09	0	12	S	0	12	S	0	12	S	2	12	IM						0	S	0	S	0	S												Urban Non-point Source
2-IVA005.43	VAC-H03R_IVA01A00	A,CMON	JM09	0	7	S	0	7	S	0	7	S	2	12	IM						0	S																Co-located DEQ/CMON Station Alliance for the Chesapeake Bay Level III - Field Data & Level II - Bacteria Data 1/6 - E. coli violations
2-IVA005.75	VAC-H03R_IVA01A00	B	JM09	0	1	W	0	1	W	0	1	W									0	W									FS							2007 & 2011 Bio Ivy Creek flows through a city park and has high sediment deposition, however, satellite imagery shows that much of the upstream riparian zone is wooded or consists of fields and low intensity residential areas. Additional development will threaten the biological integrity of this stream.
2-IVA006.38	VAC-H03R_IVA01A00	TM	JM09			W			W			W	2	12	IM							W																
2-IVA012.13	VAC-H03R_IVA01A00	A,B	JM09	0	14	S	0	14	S	0	14	S	5	12	IM						0	S									IM							2007/2011 Bio Heavy, fresh sediment deposition noted in stream at time of sampling. Available habitat was heavily embedded in sediment. This watershed is being rapidly developed and will likely degrade further due to increased runoff from new neighborhoods.
2-IVC005.19	VAV-H26R_IVC02A00	B	JR07	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-IVC008.09	VAV-H26R_IVC02A00	A	JR07	0	12	S	0	12	S	0	12	S	4	12	IM																							WQS - Basin 2B: Section 10j: Section III: Special Standards: PWS
2-SFT004.92	VAP-J17R_SFT01C98	A,TM	JA44	0	13	S	0	13	S	0	13	S	0	12	S																							no new data since 2014 cycle(12/2012)
2-SFT006.10	VAP-J17L_SFT02A08	L	JA44	0	70	S	2	59	S	0	70	S	3	14	IM						0	S													0	2	S	
2-SFT012.84	VAP-J17R_SFT02B00	TM,B	JA44	0	2	S	0	2	S	0	2	S																			FS							2014 benthic data
2-SFT019.02	VAP-J17R_SFT01B98	FPM,B	JA42	0	2	IN	0	2	IN	0	2	IN	0	1	S				0	S	0	IN	0	S							IM							2009 SED, no new data since 2012 cycle
2-SFT019.15	VAP-J17R_SFT01B98	TM,FPM,B	JA42	0	2	IN	0	2	IN	0	2	IN																			IM							no new data since 2012 cycle
2-SFT025.32	VAP-J17R_SFT02A00	TM,FPM,B	JA42	0	3	IN	0	3	IN	0	3	IN																			IM							no new data since 2012 cycle
2-SFT031.08	VAP-J16L_SFT02A98	L	JA41	0	79	S	6	73	S	0	79	S	0	14	S						0	S										0	2	S	0	2	S	4C; top 0/23; bottom 12/14 (85.7%); TSI
2-SFT033.42	VAP-J16L_SFT02A98	L	JA41	0	66	S	2	66	S	2	66	S	0	14	S						0	S										0	2	S	0	2	S	4C; top 1/21; bottom 2/2; TSI >60: phos=52; chla=55; secchi=61; PWS; no new data since 2014 cyclepooled DO= 12 vios/262 obs (S); pooled pH =3 vios/272 obs (S)
2-SFT034.38	VAP-J16L_SFT02A98	L	JA41	0	64	S	2	64	S	0	64	S	0	14	S						0	S																PWS; no new data since 2014 cyclepooled DO= 12 vios/262 obs (S); pooled pH =3 vios/272 obs (S)
2-SFT037.95	VAP-J16R_SFT03A12	A	JA41	0	9	S	0	9	S	0	11	S	1	11	S																							no new data since 2012 cycle
2-SFT-24-FOCR	VAP-J17R_SFT01B98	CMON	JA42	0	4	IN	1	4	IN/O	0	8	IN																										Chesterfield Water Trends Level II data; no new data since 2014 cycle
2-SFT-35.1-FOCR	VAP-J17L_SFT01A98	CMON	JA42	0	7	IN				0	7	IN																										Chesterfield Water Trends Level II data
2-SFT-35-FOCR	VAP-J17L_SFT01A98	CMON	JA42	0	9	IN				0	19	IN																										Chesterfield Water Trends Level II data
2SFT-FOCRBB-ALL	VAP-J17R_SFT01A00	CMON	JA42	0	80	IN	4	57	IN	0	98	IN																										Chesterfield water trends level II data
2-SFT-SCL-BD-DCR	VAP-J17L_SFT01A98	NONA	JA42										3	29	S																							DCR beach program Level II
2-SFT-SCL-BR-DCR	VAP-J17L_SFT01A98	NONA	JA42										1	30	S																							DCR beach program Level II
2-SFT-SCL-CD-DCR	VAP-J17L_SFT01A98	NONA	JA42										0	29	S																							DCR beach program Level II
2-SHN-51-CWT	VAP-G02R_SHN01A16	CMON	JA45	0	3	IN				0	3	IN																										Chesterfield Water Trends - level II
2-SHR004.96	VAC-H22R_SHR01A10	TM	JM56	0	11	S	0	11	S	0	10	S	1	12	S																							Slate TMDL Monitoring
2-SHS001.00	VAC-H11L_SHS01A02	L,C	JM29	0	80	S	5	38	IM	12	80	IM	1	14	S						0	S					1	O	0	S					0	2	S	2011/2012 Stonehouse Creek Reservoir pH Violation due to Natural Conditions 2005 FT/Sediment - As 2 Species (OE)
2-SIN000.44	VAV-H23L_SIN01A04	L	JR02	0	115	S	6	39	IM	9	114	S	0	14	S						0	S													2	2	IM	Newly impaired for nutrients and DO in 2016. WQS - Basin 2A: Section 12: Class IV: Special Standards:
2-SKM001.47	VAV-H23R_SKM01A10	A	JR01	0	12	S	0	12	S	1	12	S	8	12	IM																							WQS - Basin 2B: Section 10h: Class III: Special Standards:
2-SKM001.63	VAV-H23R_SKM01A10	A,B,FPM	JR01	0	4	S	0	4	S	0	4	S																			FS							WQS - Basin 2B: Section 10h: Class III: Special Standards:
2-SKM-STU01-SW	VAV-H23R_SKM01A10	CMON	JR01																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10h: Class III: Special Standards: PWS
2-SKM-STU03-SW	VAV-H23R_SKM01A10	CMON	JR01																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10h: Class III: Special Standards: PWS
2-SLB-SLB01-SW	VAV-H23R_SLB01A08	CMON	JR02																																			Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10h: Class III: Special Standards: PWS. Station used for use support/non-support in previous cycles. No 2016 data.
2-SLE002.65	VAP-H33R_SLE01A00	A,B	JM74	0	16	S	0	16	S	0	16	S	4	12	IM																FS							2011 and 2014 benthics
2-SLT000.20	VAC-H22R_SLT03A02	C	JM57																				0	S	0	S	0	S	1	O								01 PCB 1 species FT/Sed
2-IVC010.20	VAV-H26R_IVC03A00	A,B	JR07	0	4	S	0	4	S	0	4	IM																			IM							WQS - Basin 2B: Section 10j: Class III: Special Standards: pH Impaired in 2016, remains impaired due to no new data. Water toxics not assessed based on only one sample available for assessment.
2-RKN003.31	VAP-J11R_RKN01A12	A,TM	JA33	0	42	S	1	40	S	2	41	S	14	41	IM																							
2-RKR000.02	VAV-H13R_RKR01A00	A	JM32	0	30	S	0	30	S	0	29	S	5	30	IM																							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-RKR011.46	VAV-H13R_RKR01A00	A	JM32	0	12	S	0	12	S	0	12	S	4	12	IM																							WQS - Basin 2B: Section 11d: Class III: Special Standards:

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-RLD000.48	VAC-H36R_RLD01A06	A,B	JM70	0	14	S	0	14	S	0	16	S	3	12	IM						0	S									IM	0	12	W				2009/2012 Bio This stream is in the Cumberland State Forest. It is characterized by marginal bank stability, excessive sediment deposition, and marginal epifaunal substrate. Biologist notes from 2009 and 2012 indicate very unstable habitat, mostly consisting of leaf packs and woody debris that were covered in sediment. Heavy local watershed erosion was also noted. In 2012 there was noted beaver activity affecting habitat availability.
2-RND000.32	VAC-H36R_RND02A06	A	JM69	0	12	S	0	10	S	0	10	S	0	12	S						0	S																
2-RND003.57	VAC-H36R_RND01A00	FPM,B	JM69																												IM							2001 Probabilistic Monitoring Habitat assessment indicates sediment impacts.
2-RND004.39	VAC-H36R_RND01A00	A,SS	JM69	0	10	S	0	10	S	0	12	S	4	12	IM						0	S																Hog Farm Special Study Station
2-RND007.12	VAC-H36R_RND01A00	SS	JM69										1	1	IM																							Hog Farm Special Study Station - No New Data! 2006 FC bacteria: 1/1 = IM
2-ROC-RKY01-SW	VAV-H24R_ROC01A12	CMON	JR05																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS
2-RRN002.19	VAV-H27R_RRN01A00	A,B	JR13	0	62	S	0	58	S	0	61	S	14	57	IM						0	S									FS							WQS - Basin 2B: Section 10: Class III: Special Standards: PWS
2-RRN010.92	VAV-H27R_RRN02A00	A	JR11	0	12	S	0	12	S	0	12	S	2	12	IM																							WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS No new bacteria data, remains impaired.
2-RRN012.89	VAV-H27R_RRN02A00	A,B	JR11	0	5	S	0	4	S	0	5	S																			IM							WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS. Benthic status change form 2014.
2-RRN015.61	VAV-H27R_RRN03A10	A	JR09	0	12	S	0	12	S	0	12	S	1	12	S																							WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS,
2-RRN-RRN03-SW	VAV-H27R_RRN01A00	CMON	JR13																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-SDH-SHD01-SW	VAV-H29R_SHD01A12	CMON	JR17																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-SDV001.02	VAV-H27R_SDV01A14	A,B,FPM	JR10	0	2	S	0	2	S	0	2	S	1	1	W				0	W	0	S									IM							WQS - Basin 2B: Section 10o: Class III; Special Standards: PWS
2-SDV-SDV04-SW	VAV-H27R_SDV01A14	CMON	JR10																												IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-SDY003.00	VAC-J03R_SDY01A00	A	JA14	0	24	S	0	24	S	0	24	S	3	24	IM						0	S																
2-SDY004.27	VAC-J03L_SDY01A06	L,C	JA14	0	167	S	12	78	IM	2	202	S	0	21	S						0	S	0	S	0	S	1	O	0	S					0	3	S	2009/2011/2013 Sandy River Reservoir Pooled Data: DO 23/252 2005 FT/Sediment - Hg 1 Species
2-SDY005.85	VAC-J03L_SDY01A06	L	JA14	0	125	S	7	80	S	1	129	S	0	21	S						0	S													0	3	S	2009/2011/2013 Sandy River Reservoir Pooled Data: DO 23/252
2-SDY011.08	VAC-J03L_SDY02A06	L,C	JA14	0	42	S	0	19	S	0	42	S	0	7	S						0	S	0	S	0	S	1	O										2004 Prince Edward Lake Not listed in Reg 2005 FT/Sediment - Hg 1 Species
2-SEC004.81	VAP-J17R_SEC01A00	A	JA43	0	12	S	0	12	S	0	12	S	0	12	S																							New Station in 2016 cycle
2-SEC008.84	VAP-J17R_SEC01B06	A,TM	JA43	0	16	S	2	16	IM	1	16	S									0	S																no new data since 2012 cycle
2-SEC-13-FOCR	VAP-J17R_SEC01B06	CMON	JA43	0	19	IN	1	11	IN	6	23	IN/O																										Chesterfield Water Trends Level II data
2-SEC-34-FOCR	VAP-J17R_SEC01C14	CMON	JA43	0	22	IN				9	33	IN/O																										Chesterfield Water Trends Level II data
2-SFR000.60	VAV-H27R_SFR01A00	A,B	JR10	0	14	S	0	14	S	0	14	S	2	12	IM																FS							WQS - Basin 2B: Section 10: Class III: Special Standards: change from IM in 2012
2-SFR-SFR01-SW	VAV-H27R_SFR01A00	CMON	JR10																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-RVN001.55	VAV-H31R_RVN01A00	A,B,FPM	JR22	0	3	S	0	3	S	0	3	S																			FS							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-RVN015.97	VAV-H31R_RVN02A00	A,B,TR	JR19	0	157	S	0	154	S	0	155	S	10	66	IM						0	S									FS							WQS - Basin 2B: Section 11: Class III: Special Standards: Impaired for bacteria in 2016.Trend analysis was performed at station 2-RVN015.97 in the 2006 cycle. Statistically significant trends were detected for the following parameter(s): Oxidized Nitro
2-RVN023.01	VAV-H31R_RVN02A00	A,B	JR19	0	10	S	0	10	S	0	10	S	1	6	IN/O																FS							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-RVN033.65	VAV-H29R_RVN04A00	A,B	JR17	0	16	S	0	16	S	0	16	S	1	12	S																IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RVN-RVN01-SW	VAV-H29R_RVN04A00	CMON	JR17																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RVN-RVN05-SW	VAV-H31R_RVN01A00	CMON	JR22																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-RVN-RVN10-SW	VAV-H31R_RVN02A00	CMON	JR19																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-RVN-RVN11-SW	VAV-H28R_RVN01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RVN-RVN18-SW	VAV-H31R_RVN01A00	CMON	JR22																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-SAL000.12	VAP-H39R_SAL01A08	A	JM85	0	10	S	0	10	S	0	12	S	4	12	IM																							PWS; no new data since 2012 cycle
2-SAL001.93	VAP-H39R_XAB01A10	A	JM85	0	10	S	1	10	S	5	12	IM	3	11	IM																							PWS; no new data since 2012 cycle
2SAY*-SAY7-CVW	VAC-J06R_SYL01A98	CMON	JA15										7	32	IM																							Clean Virginia Waterways Station
2SAY*-SAY8-CVW	VAC-J06R_SYL02A06	CMON	JA15										5	29	IN																							Clean Virginia Waterways Station
2-SCK002.24	VAC-J06R_SCK01A06	A	JA20	0	10	S	0	10	S	0	12	S	6	12	IM						0	S																
2-SLT003.00	VAC-H22R_SLT03A02	B	JM57	0	1	W	0	1	W	0	1	W	0	1	W				0	W	0	W	0	W	0	W					FS							2007 Large River Probmon This site had optimal habitat and an excellent riparian zone.

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-SLT003.68	VAC-H22R_SLT02A02	A,TM,TR	JM57	0	34	S	0	34	S	0	36	S	10	35	IM						0	S																Slate River Basin TMDL Station
2-SLT014.52	VAC-H22R_SLT01A06	A,TM,B	JM56	0	12	S	0	12	S	0	14	S	4	12	IM						0	S									FS							2007/2012 Bio Optimal habitat with excellent riparian zone.
2-SLT018.85	VAC-H21R_SLT01A00	A	JM55			W			W			W	1	13	IM							W																No New Data - Keep EC Impairment
2-SLT024.72	VAC-H21R_SLT01A00	SS	JM53	0	10	S	0	10	S	0	12	S	4	12	IM						0	S																Hog Farm Special Study & Follow-up
2-SLT030.19	VAC-H21R_SLT01A00	SS	JM53	0	17	S	0	17	S	0	16	S	0	6	S						0	S																No New Data Hog Farm Special Study & Follow-up
2-SLT036.92	VAC-H21R_SLT03A08	TM	JM51	0	11	S	0	11	S	0	10	S	0	12	S						0	S																No New Data Slate River TMDL
2-SMC000.51	VAC-H02R_SMC01A02	B,USFS	JM04	0	1	W	0	1	W	0	1	W																			FS							2010 Regional Bio Tier III stream in National Forest. USFS sampled this site in spring 2005 and calculated an SCI score of 74.79. 2-SMC-5058-USFS Level III Assessment - FS
2-SMK006.57	VAP-J10R_SMK01A06	A	JA28	0	9	S	3	9	IM	0	11	S	3	11	IM																							no new data since 2012 cycle
2-SNC-23-FOCR	VAP-J17R_SNC01A00	CMON	JA42	0	1	IN	0	1	IN	0	8	IN																										Chesterfield Water Trends Level II data
2-SNC-39-FOCR	VAP-J17R_SNC01A00	CMON	JA42	0	12	IN				0	24	IN																										Chesterfield Water Trends Level II data
2-SNC-6-FOCR	VAP-J17R_SNC01A00	CMON	JA42	0	125	IN	0	94	IN	0	124	IN	12	20	IN/O																							ACB level II data
2-SND002.08	VAC-J06R_SND01A04	TM	JA17	0	12	S	0	12	S	0	12	S	4	12	IM																							
2-SNJ000.19	VAP-H39R_SNJ02A04	TM,B	JM84	0	9	S	1	9	IN	0	9	S									0	S									IM							PWS - NO3 okay; 2014 benthics
2-SNJ001.41	VAP-H39R_SNJ02A04	TM	JM84	0	1	W	0	1	W	0	1	W									0	IN																PWS - NO3 okay; no data since 2014 cycle
2-SNJ001.77	VAP-H39R_SNJ01A04	TM,B	JM84	0	22	S	0	22	S	0	22	S							0	IN	0	S	0	S							IM							2012 benthics; PWS - NO3 okay
2-SNJ001.90	VAP-H39R_SNJ01A04	TM	JM84	0	21	S	0	21	S	0	21	S									0	S																PWS - NO3 okay
2-SNK000.02	VAV-H28R_SNK01A02	A	JR14																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2-SNK000.88	VAV-H28R_SNK01A02	A,B	JR14	0	47	S	0	46	S	0	46	S									0	S			1	O					IM							Continuous monitoring data available for Temp. and DO. DO evaluated based on the 5 mg/l daily average standard. 0 of 8 days violated the daily standard. 1 Sediment Sample exceeded the screening value for Pyrene. 'WQS - Basin 2B: Section 10: Class III:
2-SNK001.02	VAV-H28R_SNK01A02	A	JR14																						1	O												WQS - Basin 2B: Section 10: Class III: Special Standards: 1 sediment sample exceeds the screening value for Chlordane
2-SNK-SHV01-SW	VAV-H28R_SNK01A02	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-SPA001.46	VAC-J02R_SPA01A02	A,TM	JA06	0	10	S	0	10	S	0	12	S	2	12	IM						0	S																
2-SPA006.48	VAC-J02R_SPA02A04	C,TM	JA06			W			W			W	4	11	IM								0	S	0	S	0	S										2001 FT/Sed; Appomattox River Basinwide TMDL Study
2-SQC001.85	VAV-H29R_SQC01A08	A	JR16																																			WQS - Basin 2B: Section 10m: Class III: Special Standards: Station used for use support/non-support in previous cycles. No 2016 data.
2-SQT001.54	VAP-J07R_SQT01A00	A,TM	JA23	0	12	S	6	12	IM	0	12	S	1	12	S						0	S																Class VII water, no new data since 2014 cycle
2SRC-1-SOS	VAC-H02R_SRC01A02	CMON	JM04																												LP							Category 3D
2-SRC-5111-USFS	VAC-H02R_SRC01A02	USFS	JM04																												UN							MAIS = 16
2-LSD-LSD01-SW	VAV-H31R_LSD01A02	CMON	JR22																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-LTA001.23	VAP-J11R_LTA01A00	A	JA29	0	9	S	0	11	S	0	9	S	1	11	S																							no new data since 2012 cycle
2-LTC001.35	VAP-J15R_LTC01A08	A	JA40	0	10	S	0	10	S	0	12	S	3	12	IM																							no new data since 2012 cycle
2-LTJ000.16	VAC-H05R_LTJ01A10	TM	JM12	0	12	S	0	12	S	0	12	S	3	12	IM						0	S																No New Data
2-LTP002.00	VAP-H34R_LTP01A04	B,SS	JM61	0	10	S	0	10	S	0	10	S									0	S									FS							2011 benthics; no data since 2014 cycle
2-LTP004.81	VAP-H34R_LTP01A04	A	JM61	0	11	S	0	11	S	0	11	S	1	11	S																							
2-LTU000.02	VAC-H11R_LTU01A02	B	JM28	0	2	S	0	2	S	0	2	S																			FS							2010 Bio Tier III stream in National Forest
2-LWW004.14	VAC-H35R_LWW01A08	A,PA	JM65	0	23	S	2	23	S	0	23	S	3	23	IM						0	S																2016 - Delist for DO
2-LYN002.77	VAV-H27R_LYN01A04	A,B	JR09	0	3	S	0	3	S	0	3	S																			FS							WQS - Basin 2B: Section 10o: Class III: Special Standards:
2-LYN-LCH01-SW	VAV-H27R_LYN01A04	CMON	JR09																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-MAN000.19	VAP-H39R_MAN01A12	TM	JM86	0	2	S	0	2	S	0	2	S	2	2	IM						1	IN/O																Manchester Canal; 2009 PCB study - >HH WQS - ALUS ok; no new data since 2012 cycle
2-MAR-MSH01-SW	VAV-H27R_MAR01A10	CMON	JR11																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-MAR-XZY01-SW	VAV-H27R_MAR01A10	CMON	JR11																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-MBN000.96	VAC-J03L_SDY01A06	L	JA14	0	129	S	4	94	S	3	160	S	0	21	S						0	S												0	3	S		2009/2011/2013 Sandy River Reservoir Pooled Data: DO 23/252
2-MCK000.40	VAV-H30R_MCK01A00	A	JR18	0	12	S	0	12	S	0	12	S	0	12	S																							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-MCK007.47	VAV-H30R_MCK02A10	A,B	JR18	0	3	S	0	3	S	0	3	S																			IM							Site has degraded for benthics since 2010 assessment. WQS - Basin 2B: Section 10s: Class III: Special Standards: PWS
2-MCK011.68	VAV-H30R_MCK02A10	A,B	JR18	0	10	S	0	10	S	0	10	S	0	6	S																FS							WQS - Basin 2B: Section 10s: Class III: Special Standards: PWS
2-MCK-MCK02-SW	VAV-H30R_MCK02A10	CMON	JR18																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10s: Class III: Special Standards: PWS

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-MCK-MCV01-SW	VAV-H30R_MCK02A10	CMON	JR18																												FS							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10s: Class III: Special Standards: PWS
2-MCM000.92	VAV-H23R_MCM01A00	A,B	JR02	0	2	S	0	2	S	0	2	S																			FS							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MCM003.32	VAV-H23R_MCM01A00	A,B,FPM	JR02	0	3	S	0	3	S	0	3	S	0	1	W				0	W	0	S	0	S							FS							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MCM005.12	VAV-H23R_MCM01A00	A,TR	JR02	0	140	S	0	138	S	0	137	S	13	71	IM						0	S																WQS - Basin 2B: Section 10: Class III: Special Standards:Trend analysis was performed at station 2-MCM005.12 in the 2006 cycle. Statistically significant trends were detected for the following parameter(s): Nitrogen (declining trend); Oxidized N
2-MCM010.84	VAV-H23R_MCM01A00	A	JR02	0	6	S	0	6	S	0	6	S	0	6	S																							WQS - Basin 2B: Section 10h: Class III: Special Standards:
2-MCM018.92	VAV-H23R_MCM02A00	A,B	JR01	0	61	S	0	57	S	0	61	S	21	57	IM																IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MCM-MCM04-SW	VAV-H23R_MCM01A00	CMON	JR02																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MCM-MCM11-SW	VAV-H23R_MCM02B10	CMON	JR01																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MCU002.95	VAP-H39R_MCU01A12	A	JM83	0	10	S	0	10	S	1	12	S	4	12	IM																							No new data since 2012 cycle
2-MEA000.75	VAC-H21R_MEA01A08	B	JM52	0	2	S	0	2	S	0	2	S																			J							2013 Bio Both sampling events resulted in SCI scores at the impairment threshold. This stream had decent habitat despite sedimentation occurring. Additional sampling is required to accurately assess the water quality within this reach.
2-MFK000.93	VAP-H34R_MFK01A06	B,A	JM59	0	3	S	0	3	S	0	3	S																			FS							VRO 2007-2012 benthic site; no data since 2014 cycle
2-MIN000.98	VAC-H11L_MIN01A06	L	JM29	0	117	S	2	49	S	16	117	IM	0	14	S						0	S													1	2	IN	2011/2012 Mill Creek Reservoir
2-MIN002.00	VAC-H11L_MIN01A06	C	JM29																								1	O	0	S								2005 FT/Sediment - As 2 Species (OE)
2-MIN002.25	VAC-H11R_MIN01A08	SS,CR	JM29	0	12	S	0	12	S	0	12	S	5	12	IM																							Citizen Monitoring Follow-up (Sweet Briar Bacteria Study)
2-MLY005.39	VAC-H14R_MLY01A14	B	JM34	0	3	S	0	3	S	1	3	IN																			IM							2012/2014 Bio This site had optimal habitat but satellite imagery shows considerable clearcutting upstream in the watershed. Sediment metrics were rated high suboptimal, indicating that sedimentation may not be the primary problem.
2-MNF-MNF02-SW	VAV-H24R_MNF01A00	CMON	JR03																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class VI: Special Standards:
2-MNR000.39	VAV-H24R_MNR01A00	A	JR05	0	12	S	0	11	S	0	12	S	1	12	S																							WQS - Basin 2B: Section 10i: Class III: Special Standards:
2-MNR011.69	VAV-H24R_MNR01A00	A	JR03	0	12	S	0	11	S	0	12	S	0	12	S																							WQS - Basin 2B: Section 10i: Class III: Special Standards:
2-MNR014.50	VAV-H24L_MNR01A04	L	JR03	0	209	S	3	65	S	0	209	S	0	11	S						0	S													0	2	S	WQS - Basin 2B: Section 10i: Class III: Special Standards:
2-MNR-MRN03-SW	VAV-H24R_MNR01A00	CMON	JR05																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS
2-MNR-MRN08-SW	VAV-H24R_MNR01A00	CMON	JR05																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS
2-MNR-MRN11-SW	VAV-H24R_MNR02A10	CMON	JR03																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS
2-MNR-MRN12-SW	VAV-H24R_MNR02A10	CMON	JR03																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS
2-MNR-MRS02-SW	VAV-H24R_MNK01A00	CMON	JR03																																			Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS. Station used for use support/non-support in previous cycles. No 2016 data.
2-MOH001.73	VAP-H38R_MOH01A12	A	JM78	0	10	S	0	10	S	0	12	S	4	12	IM																							No new data since 2012 cycle
2-MOY-MRY01-SW	VAV-H28R_MOY01A02	CMON	JR15																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MSB000.01	VAV-H09R_MSB01A00	TM	JM21																																			WQS - Basin 2B: Section 10: Class VI: Special Standards: Station used for use support/non-support in previous cycles. No 2016 data.
2-MSC000.11	VAV-H28R_MSC01A00	A	JR15																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MSC000.60	VAV-H28R_MSC01A00	A,B,TM	JR15	0	33	S	0	31	S	0	32	S	8	29	IM				0	W	0	S			0	S					IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MSC-MSC04-SW	VAV-H28R_MSC01A00	CMON	JR15																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MSC-MSV12-SW	VAV-H28R_MSC01A00	CMON	JR15																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MSC-MSX10-SW	VAV-H28R_MSC02A00	CMON	JR15																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MTC001.24	VAC-J04R_MTC01A10	A,B	JA12	0	14	S	0	14	S	0	14	S	1	11	S						0	S									IM							2014 Bio This monitoring station was characterized by sluggish flow, marginal habitat, considerable sediment deposition, and unstable banks with little vegetative protection. Dam/lake approximately one mile upstream of this site.
2-MTC005.27	VAC-J04R_MTC01A10	B	JA12	0	2	S	0	2	S	0	2	S																			FS							2014 Bio This site had decent habitat but sedimentation was occurring.
2-MWC000.04	VAV-H28R_MWC01A00	SS	JR14																						9	O												1 sediment sample of ANTHRACENE BENZO_A_PYRENE BENZO_A_ANTHRACENE CHRYSENE FLUORANTHENE FLUORENE PAH_TOTALS PHENANTHRENE PYRENE exceeded the sediment screening value, WQS - Basin 2B: Section 10: Class III: Special Standards:

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-MWC000.60	VAV-H28R_MWC01A00	A,B	JR14	0	45	S	0	42	S	0	44	S	8	17	IM						0	S			0	S					IM							Continuous monitoring data available for Temp. and DO. DO evaluated based on the daily average of 5 mg/l standard. 0 of 8 days violated the daily standard. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC001.16	VAV-H28R_MWC01A00	SS	JR14																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC001.28	VAV-H28R_MWC01A00	SS	JR14																						0	S												WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC-MWC03-SW	VAV-H28R_MWC01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC-MWC05-SW	VAV-H28R_MWC01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC-MWC06-SW	VAV-H28R_MWC01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC-MWC07-SW	VAV-H28R_MWC01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC-MWC08-SW	VAV-H28R_MWC01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC-MWC09-SW	VAV-H28R_MWC01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MWC-MWC10-SW	VAV-H28R_MWC01A00	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-MYC000.50	VAC-H22R_MYC01A08	A	JM55	0	12	S	0	12	S	0	12	S	6	12	IM						0	S																
2-NBB001.54	VAP-J09R_NBB01A98	TM,SS,B,FPM	JA26	0	2	W	0	2	W	0	2	W	0	1	W				0	S	0	O	0	S							FS							No new data since 2010 cycle, 2009 Benthic data, 2009 sed, 2009 water metals
2-NBB002.92	VAP-J09R_NBB01A98	A,SS	JA26	0	9	S	0	9	S	0	11	S	3	11	IM																							no new data since 2012 cycle
2-NBB003.65	VAP-J09R_NBB01A98	SS,A	JA26	0	8	S	0	8	S	1	8	S							0	S	0	S																2011,2012,2013 water metals
2-NBB005.84	VAP-J09R_NBB01B10	A,TM,SS	JA26	0	57	S	0	55	S	0	56	S	18	47	IM				0	S	0	S																2011,2012,2013 water metals
2-NBS000.92	VAC-J02R_NBS01A08	B	JA06	0	2	S	0	2	S	0	2	S																			FS							2008/2010 Bio This site was monitored in order to supplement probabilistic monitoring data from probabilistic monitoring site 2-NBS001.56, which can only be accessed via private land and cannot be revisited. The stream had heavy sediment deposition and marginally stable banks. Drought conditions in 2008 may have affected the benthic community.
2-NBS001.56	VAC-J02R_NBS01A08	FPM,B	JA06	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	W	0	W					FS							2006 Probabilistic Monitoring The spring sample was taken after an extended dry period, which could account for the lower SCI score when compared to fall. Livestock fenced out but present on right bank, and a nursery withdraws water from the stream on an unknown basis.
2-NBX001.10	VAP-J09R_NBB01A12	A	JA26	0	9	S	0	9	S	0	11	S	8	11	IM																							no new data since 2012 cycle
2-NKD-NKD02-SW	VAV-H26R_NKD01A10	CMON	JR08																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-NMZ011.69	VAP-J13R_NMZ01A00	A	JA37	0	12	S	6	12	IM	1	12	S	0	11	S																							New Station in 2016 cycle
2-NOR000.20	VAC-H20R_NOR02A02	A,B	JM58	0	113	S	0	112	S	0	25	S							0	S	0	S									IM							2009 Diurnal Study 2007-2014 Bio Fall 2009 bio notes: Flow very low. Stream dried completely prior to fall 2010 sample. Biologist notes from the spring 2014 sample indicated that high flows that season caused streambank failures and resulting sediment deposition that changed the channel morphology. This site will be sampled again in 2016 in order to accurately assess the benthic community.
2-NOR003.28	VAC-H20R_NOR01A02	A,SS,B,TM	JM58	0	223	S	0	222	S	0	25	S	1	1	IN/O				0	S	0	S	0	S							IM	1	1	IN/O				2009 Diurnal Study 2007-2013 Bio - Carryover TP OE This site is characterized by bedrock and cobble riffles that are embedded in sediment and covered in algae.
2-NOR003.59	VAC-H20R_NOR01A02	A,SS,B	JM58	0	121	S	0	120	S	0	25	S							0	S	0	S									IM							2009 Diurnal Study 2007-2013 Bio This stream has unstable banks, a high rate of sediment deposition, and substrate covered with abundant filamentous algae.
2-NOR003.75	VAC-H20R_NOR01A02	TM,B	JM58	0	14	S	0	13	S	0	14	S									0	S									FS							2012-2013 Bio North Creek TMDL This stream is incised with unstable banks and little bank vegetation. Available habitat was marginal. This site likely has a legacy erosion problem but currently the upstream watershed is forested with some open fields.
2-NOT001.59	VAC-H06R_NOT01A10	TM	JM16	0	12	S	0	12	S	0	12	S	10	12	IM						0	S																No New Data Beaver Creek/James River TMDL Monitoring
2-NTH001.65	VAC-H21R_NTH01A00	A,SS	JM52	0	12	S	0	12	S	0	12	S	1	12	S						0	S													0			No New Data Hog Farm Special Study & Follow-up
2-NTH003.88	VAC-H21R_NTH01A00	SS	JM52	0	12	S	0	12	S	0	12	S	4	12	IM																							NO NEW DATA Hog Farm Special Study & Follow-up
2-NUT000.62	VAP-J17R_NUT01A06	FPM,B	JA42	0	2	S	0	2	S	0	2	S	1	1	W				0	S	0	S	0	S							IM							2010 sed, water metals, no new data since 2012 cycle
2-NUT002.22	VAP-J17R_NUT01A06	A,TM	JA42	0	16	S	3	16	IM	0	16	S									0	S																no new data since 2012 cycle
2-NUT-5-FOCR	VAP-J17R_NUT01A06	CMON	JA42	0	37	IN	0	30	IN	13	54	IN/O																										Chesterfield water trends level II data
2-NWD002.27	VAP-H39R_NWD01B12	A,TM	JM81	0	22	S	0	22	S	0	24	S	2	12	IM																							PWS
2-NWD005.84	VAP-H39R_NWD01B12	A	JM81	0	12	S	0	12	S	1	12	S	3	12	IM																							PWS; no data since 2014 cycle
2-OPP000.16	VAC-H05R_OPP01A00	A	JM11	0	24	S	0	24	S	0	24	S	3	24	IM						0	S																No New Data

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-OPP007.03	VAC-H05R_OPP01A00	B	JM11	0	8	S	0	8	S	0	8	S																	0	S	FS							2007-2012 Bio Stable banks and excellent riffle habitat.
2-OTC005.38	VAP-J15R_OTC01B08	A,TM	JA40	0	16	S	2	16	IM	0	16	S									0	S																
2-OTC-28-FOCR	VAP-J15R_OTC01A00	CMON	JA40	0	22	IN				0	35	IN																										Chesterfield Water Trends Level II data
2-OTD-29-FOCR	VAP-J16R_OTD01A14	CMON	JA41	0	21	IN	0	1	IN	0	31	IN																										Chesterfield Water Trends Level II data
2-OWN000.10	VAC-H08R_OWN01A06	A	JM20	0	3	S	0	3	S	0	3	S	0	3	S						0	S																No New Data
2-PDG000.12	VAC-H05R_PDG01A06	A	JM14	0	12	S	0	12	S	0	12	S	5	12	IM						0	S																
2-PHL003.97	VAP-H34R_PHL01A08	B,A	JM59	0	4	S	0	4	S	0	4	S																			IM							VRO 2010-2012 benthic site; no data since 2014 cycle
2-PKR-PKR01-SW	VAV-H27R_PKR01A10	CMON	JR09																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-PLC001.49	VAV-H26R_PLC01A10	A,B	JR08	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-PLC-PWL01-SW	VAV-H26R_PLC01A10	CMON	JR08																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-PLP002.08	VAC-H06R_PLP01A08	B	JM16	0	2	S	0	2	S	0	2	S																			IM							No New Data 2008 Bio Incised stream. Past cattle access likely, though they are currently fenced out of stream. Good riffles but algae covered most rocks. High rate of sediment deposition.
2-PNY003.06	VAV-H10R_PNY01A00	A	JM25	0	12	S	0	12	S	0	12	S	2	12	IM																							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-PNY005.29	VAV-H10R_PNY01A00	A,TR	JM25	0	52	S	0	52	S	0	49	S	6	42	IM						0	S																WQS - Basin 2B: Section 11d: Class III: Special Standards: Trend analysis was performed at station 2-PNY005.29 in the 2006 cycle. No statistically significant trends were detected.
2-PNY005.30	VAV-H10R_PNY01A00	B,A	JM25																												FS							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-POL000.04	VAC-H02R_POL01A00	A	JM06	0	12	S	0	12	S	0	12	S	2	12	IM				0	S	0	S										3	22	O				2016 - EC Impairment Carry over 2006 OE (2008 - 2/15)
2-POL007.20	VAC-H02R_POL01B14	TM	JM05	0	12	S	0	12	S	0	12	S	3	12	IM						0	S																Pedlar TMDL Station
2-POL008.53	VAC-H02R_POL02A00	A,B	JM05	0	21	S	0	21	S	0	23	S	3	23	IM						0	S									FS							2004 Bio This site was sampled as a potential reference station based on water quality data and instream habitat.
2-POL010.11	VAC-H02R_POL03A02	FPM,B	JM05	0	16	S	0	16	S	0	16	S	2	12	IM				0	W	0	S	0	S	0	S					FS							2009-2010 Bio 2008 Probabilistic Monitoring This site is characterized by stable banks, cobble substrate, and a good riparian zone.
2-POL017.59	VAC-H02L_POL01A02	L	JM04	0	345	S	1	81	S	16	190	S									0	S	0	S	0	S									0	2	S	2004 & 2005 Pedlar Special Study to determine Natural Conditions for pH Pooled Data: DO - 1/165 Violation Rate pH - 25/441 Violation Rate
2-POL018.71	VAC-H02L_POL01A02	L	JM04	0	251	S	0	84	S	9	251	S									0	S													0	1	W	Not in Lacustrine zone Pooled Data: DO - 1/165 Violation Rate pH - 25/441 Violation Rate
2-POL019.63	VAC-H02R_POL05B02	B,SS	JM04	0	4	S	0	4	S	0	4	S																			FS							2009-2010 Bio Tier III stream in National Forest
2-POL028.68	VAC-H02R_POL07B02	A	JM04	0	12	S	0	12	S	0	12	S	2	12	IM																							2016 - Impaired for EC
2-POR-PETE-04-NPS	VAP-J15R_POR01A04	NONA	JA40	0	44	S	2	39	S	2	43	S																										NPS data level III
2-POR-PETE-05-NPS	VAP-J15R_POR01A04	NONA	JA40	0	47	S	0	42	S	0	45	S																										NPS data level III
2-PRB000.53	VAC-J01R_PRB01A04	B	JA01	0	2	S	0	2	S	0	2	S																			FS							2014 Bio
2-PRB-APCO-02-NPS	VAC-J01R_PRB01A04	CMON	JA01	0	5	S	0	5	S	0	5	S																										Level III NPS Data
2-PRD000.21	VAV-H27R_PRD01A00	A	JR11	0	12	S	0	11	S	0	12	S	4	12	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards: Remains impaired for bacteria in 2014, no new data.
2-PRD006.35	VAV-H27R_PRD02A06	A,B	JR12	0	3	S	0	3	S	0	3	S																			IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-PRD-BRN01-SW	VAV-H27R_PRD01A00	CMON	JR12																												IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-PRD-PRD01-SW	VAV-H27R_PRD02A06	CMON	JR12																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-PRS003.23	VAV-H10R_PRS01A00	A,B,FPM	JM25	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	S							FS							WQS - Basin 2B: Section 11: Class VI: Special Standards:
2-PUM000.29	VAC-J01R_PUM01A08	A,B	JA05	0	14	S	0	14	S	0	14	S	4	12	IM						0	S									J							2013 Bio A road follows the stream very closely, resulting in a scoured and incised bank. The stream had good leaf packs and swift-moving water for a low-gradient system. The latest SCI score was so close to the impairment threshold that one more year of data will be collected in order to accurately assess water quality in this stream reach.
2-PWC-POW02-SW	VAV-H23R_PWC01A10	CMON	JR02																												J							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10h: Class III: Special Standards: PWS
2-PWC-PWL03-SW	VAV-H26R_PLC01A10	CMON	JR08																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-PWT000.57	VAP-H39R_PWT01A98	A	JM86	0	13	S	0	13	S	0	13	S	1	12	S																							No data since 2014 cycle
2-PWT001.23	VAP-H39R_PWT01A98	B,A	JM86	0	2	S	0	2	S	0	2	S																			IM							2012-2013 benthics - replaced station 2-PWT001.97 b/c more appropriate stream type
2-PWT-17-CWT	VAP-H39R_PWT01A98	CMON	JM86				0	1	W	0	1	W																										previously 2-PWT-17-FOCR - Chesterfield WaterTrends level 2; no new data since 2012 cycle
2-QTR-QTR03-SW	VAV-H27R_QTR01A16	CMON	JR10																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards:

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-RBT000.59	VAC-H02R_RBT01A00	B	JM04	0	1	W	0	1	W	0	1	W																			FS							2010 Bio - Fall Only Tier III stream in National Forest
2-RCC000.91	VAV-H31R_RCN01A08	A,B	JR22	0	1	W	0	1	W	0	1	W																			FS							WQS - Basin 2B: Section 11: Class III: Special Standards:
2-RCC-RCN01-SW	VAV-H31R_RCN01A08	CMON	JR22																												FS							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-RCH001.25	VAV-H27R_RCH01A00	A,B	JR09	0	3	S	0	3	S	0	3	S																			FS							WQS - Basin 2B: Section 10o: Class III: Special Standards: 2008 FC bacteria 1/12 = S
2-RCH-RCH01-SW	VAV-H27R_RCH01A00	CMON	JR09																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-RCH-RHU01-SW	VAV-H27R_RCH01A00	CMON	JR09																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-RDD000.76	VAP-H39R_RDD01C10	A,TM	JM86	0	25	S	0	25	S	0	25	S	4	11	IM																							
2-RDD-RC1-ACB	VAP-H39R_RDD01C10	CMON	JM86	0	23	S	0	23	S	0	23	S	15	25	IM																		13					ACB - Level 3
2-RDD-RC3-ACB	VAP-H39R_RDD01A00	CMON	JM86	0	25	S	2	24	S	0	25	S	18	24	IM																		13					ACB - level 3; co-located with 2-RDD001.57
2-RDD-RC4-ACB	VAP-H39R_RDD01A00	CMON	JM86	0	21	S	0	21	S	0	21	S	13	24	IM																		13					ACB - level 3
2-RED000.16	VAW-H01R_RED01A00	A,TM	JM02	0	12	S	0	12	S	0	12	S	6	12	IM				0	S	0	S										0	12	IN				Reed Cr. Bacteria TMDL Study Approved 06/21/2004 [Fed. ID. 7763 / 21565] and SWCB approved 12/02/2004 for these 1998 303(d) Listed waters.
2-RED003.65	VAW-H01R_RED01A00	FPM,B	JM02	0	4	S	0	4	S	0	4	S	1	2	IN				0	IN	0	S	0	S							FS	0	4	IN	0	2	IN	FW08VA009- 2 surveys 2011. Avg. VSCI 66.3. No 2011 sediment PEC SV excursions- metals only.
2-RED005.36	VAW-H01R_RED01A00	TM	JM02	0	3	S	0	3	S	0	3	S	3	3	IM						0	S																No additional data beyond the 2008 IR. Bacteria impairment carries. Reed Cr. Bacteria TMDL Study Approved 06/21/2004 [Fed. ID. 7763 / 21565] and SWCB approved 12/02/2004 for these 1998 303(d) Listed waters.
2-RED008.22	VAW-H01R_RED01A00	TM	JM02	0	3	S	0	3	S	0	3	S	1	3	IM						0	S																No additional data beyond the 2008 IR. Bacteria impairment carried. Reed Cr. Bacteria TMDL Study Approved 06/21/2004 [Fed. ID. 7763 / 21565] and SWCB approved 12/02/2004 for these 1998 303(d) Listed waters.
2-RED008.96	VAW-H01R_RED02A02	B,A	JM02	0	2	S	0	2	S	0	2	S																			FS	0	2	IN				Sampled as a reference site. Two 2013 VSCI scores averaging 83.1.
2RED-BE03-UVA	VAW-H01R_RED02A02	CMON	JM02							0	1	IN																										Temp & pH Lv.2.
2-RFD002.58	VAP-J07R_RFD01A00	A	JA22	0	12	S	0	12	S	0	12	S	6	12	IM						0	S																no new data since 2014 cycle(11/2012)
2-RFN000.52	VAV-H15R_RFN01A00	A	JM36	0	58	S	0	53	S	0	58	S	21	59	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RFS001.00	VAV-H15R_RFS01A00	A	JM37	0	59	S	0	54	S	1	59	S	14	59	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RFS004.40	VAV-H15R_RFS01A00	A,B	JM37	0	18	S	0	17	S	1	18	S	2	12	IM																FS							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RFS005.66	VAV-H15R_RFS01A00	A	JM37	0	12	S	0	11	S	0	12	S	1	12	S																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RGH000.35	VAC-J01R_RGH01A04	A,B	JA02	0	2	S	0	2	S	0	2	S	3	12	IM						0	S									FS							2013 Bio
2-RHC000.58	VAP-J15R_RHC01A06	A,FPM,B	JA40	0	2	S	0	2	S	0	2	S	0	1	IN				0	S	0	S	0	S							IM							2010 sed, water metals, no new data since 2012 cycle
2-RHC002.23	VAP-J15R_RHC01A06	A	JA40	0	10	S	0	10	S	0	12	S	1	12	S				0	S																		2009, 2010 water metals, no new data since 2012 cycle
2-RKF000.19	VAV-H16R_RKF01A00	A	JM41	0	11	S	0	11	S	0	11	S	1	12	S																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RKF001.91	VAV-H16R_RKF01A00	FPM	JM41	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S	0	S														WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RKF007.28	VAV-H16R_RKF01B10	A	JM40	0	11	S	0	11	S	0	11	S	2	12	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards
2-RKF014.71	VAV-H16R_RKF01C10	A	JM38	0	11	S	0	11	S	0	11	S	2	12	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RKF026.42	VAV-H16R_RKF02A00	A	JM38	0	47	S	0	43	S	0	47	S	9	47	IM																							WQS - Basin 2B: Section 10: Class III: Special Standards: .
2-RKF-Rt6-SOS	VAV-H16R_RKF02A00	CMON	JM38																												LP							SOS data Level II. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RKI003.40	VAC-H17R_RKI01A00	TM,B	JM43	0	14	S	0	14	S	0	14	S	1	12	IM						0	S									FS							2016 - EC Delist candidate 2008/2010 Bio This site has stable banks, optimal habitat, and little sediment deposition. This is a targeted reference stream.
2-RRN-RRN04-SW	VAV-H27R_RRN02A00	CMON	JR11																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-RRN-RRN06-SW	VAV-H27R_RRN02A00	CMON	JR11																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-RRN-RRN07-SW	VAV-H27R_RRN01A00	CMON	JR13																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-RRS001.81	VAV-H26R_RRS01A00	A,B	JR08	0	2	S	0	2	S	0	2	S																			IM							WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-RRS003.12	VAV-H26R_RRS01A00	A	JR08	0	57	S	0	54	S	0	57	S	3	57	S						0	S																WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-RRS003.59	VAV-H26L_01	L	JR08	0	159	S	1	52	S	0	159	S	0	13	S						0	S													0	2	S	SF Rivanna Reservoir pooled DO/pH/Temp/E-coli results for Station 2-RRS003.59 & 2-RRS005.62 = 91 obs / 1 exceeds, 262 obs / 1 exceeds, 262 obs / 0 exceeds, 26 obs / 1 exceeds. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-RRS005.62	VAV-H26L_01	L	JR08	0	103	S	0	39	S	1	103	S	0	13	S						0	S													0	2	S	SF Rivanna Reservoir pooled DO/pH/Temp/E-coli results for Station 2-RRS003.59 & 2-RRS005.62 = 91 obs/ 1 exceeds, 262 obs / 1 exceeds, 262 obs / 0 exceeds, 26 obs / 1 exceeds. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-RRS-RVN31-SW	VAV-H26R_RRS01A00	CMON	JR08																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-RSM000.58	VAP-H34R_RSM01A08	TM,B	JM61	0	32	S	0	31	S	0	32	S									0	S									FS							2011, 2012 and 2014 benthics; monitored in lieu of 2-RSM001.88
2-RSM001.88	VAP-H34R_RSM01A08	FPM,B	JM61	0	1	W	0	1	W	0	1	W									0	IN									FS							intermittent; 2011 benthics (later benthics sampled at 2-RSM001.88)

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-RTD003.08	VAC-H12R_RTD01A00	A,B	JM30	0	24	S	0	24	S	0	24	S	8	24	IM				0	S	1	O									IM	5	15	O				1 Chronic Violation in 3 years Ammonia - No new Ammonia problems TP OE Carryover 2007/2011 Bio This site was highly embedded with unstable banks and poor bank vegetative protection. Available habitat was covered with periphyton and filamentous algae.
2-RTD003.30	VAC-H12R_RTD02A00	A,B	JM30	0	13	S	0	13	S	0	13	S	1	12	S				0	S	0	S									FS							2011 Bio The riparian zone at this site is more intact than at the downstream site 2-RTD003.08. It also had more stable banks and less sediment deposition than downstream.
2-RTD007.61	VAC-H12R_RTD03A14	TM	JM30	0	11	S	0	11	S	0	11	S	3	12	IM						0	S																
2-SSX001.39	VAC-H20R_SSX01A08	A	JM58	0	12	S	0	12	S	0	12	S	4	12	IM						0	S																
2-STG000.21	VAP-H33L_STG01A12	L	JM74	0	66	S	5	40	IM	1	66	S	0	14	S						0	S													2	2	IM	TSI(TP) = 60, TSI(CA) = 62, TSI(SD) = 63; CAT 5A, Eutrophic; pooled DO 11/92(IM) pH 6/139(S);no new data since 2014 cycle
2-STG000.79	VAP-H33R_STG01A00	A	JM74	0	8	S	0	8	S	0	8	S	1	8	IN																							No new data since 2012 cycle
2-STG000.91	VAP-H33L_STG01A12	L	JM74	0	73	S	6	52	IM	5	73	S	0	14	S						0	S													2	2	IM	TSI(TP) = 60, TSI(CA) = 62, TSI(SD) = 63; CAT 5A, Eutrophic; pooled DO 11/92(IM) pH 6/139(S); no new data since 2014 cycle
2-STG002.00	VAP-H33R_STG01A00	A	JM74	0	8	S	0	8	S	0	8	S	1	8	IN																							No new data since 2012 cycle
2-STI-STG01-SW	VAV-H31R_STI01A12	CMON	JR19																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-STW001.72	VAC-H05R_STW01A08	A,PA,TM	JM14	0	24	S	0	24	S	0	24	S	6	24	IM						0	S																
2-STW004.84	VAC-H05R_STW01A08	FPM,B	JM14	0	2	S	0	2	S	0	2	S	0	1	W				0	W	0	S			0	W					FS							2011 Bio This stream had some sediment deposition but overall had good habitat.
2-SUA001.54	VAC-J01R_SUA01A04	A,PA,B	JA02	0	16	S	0	16	S	0	19	S	4	12	IM						0	S									FS							2012-2014 Bio This stream had increased sediment deposition but had optimal habitat. 2007 Suanee TMDL Monitoring
2-SUA003.80	VAC-J01R_SUA01A04	A,B	JA02	0	14	S	1	14	S	0	14	S	4	12	IM						0	S									J							2007 Suanee TMDL Monitoring 2012-2013 Bio The condition of this stream fluctuates seasonally. Additional data are needed in order to accurately characterize the benthic community.
2-SWT000.81	VAP-J11R_SWT01A00	TM	JA32	0	46	S	1	44	S	2	45	S	8	45	IM																							
2-SYC000.40	VAV-H15R_SYC01A06	A	JM37																																			WQS - Basin 2B: Section 10: Class III: Special Standards: pH. Station used for use support/non-support in previous cycles. No 2016 data.
2-SYL001.26	VAC-J06R_SYL01A98	A,TM	JA15	0	24	S	0	24	S	0	24	S	9	23	IM						0	S																Appomattox Basin TMDL
2-TBM000.92	VAC-H21L_TBM01A06	L	JM53	0	83	S	8	65	IM	0	83	S	0	14	S						0	S										0	2	S	0	2	S	2013/2014 Troublesome Creek Reservoir Aerated Impoundment - Treated with Algaecide
2-TBY001.54	VAP-J17R_TBY01A06	A,TM	JA44	0	16	S	0	16	S	1	16	S									0	S																
2-TBY-27-FOCR	VAP-J17R_TBY01A06	CMON	JA44							0	10	IN																										Chesterfield Water Trends Level II data; no new data since 2014 cycle
2-THK000.03	VAC-H03R_THK01A06	B,FPM	JM10	0	2	S	0	2	S	0	2	S	0	1	W				0	W			0	W							IM							2007/2009 Bio Tomahawk Creek is an urban stream with highly embedded substrate and unstable banks.
2-THK001.31	VAC-H03R_THK01A06	TM	JM10	0	12	S	0	12	S	0	12	S	4	12	IM						0	S																No New Data
2-THK002.33	VAC-H03R_THK01A06	A	JM10	0	10	S	0	10	S	0	12	S	2	12	IM						0	S																Urban Non-Point Source
2-TKO003.42	VAP-H39R_TKO03A98	TM	JM84	0	12	S		12	NA	0	12	S																										Class VII water
2-TKO004.69	VAP-H39R_TKO03A98	A	JM84	0	11	S		11		0	11	S	3	11	IM																							Class VII water; no data since 2014 cycle
2-TKO010.64	VAP-H39R_TKO01A98	A	JM84	0	10	S	0	10	S	1	12	S	4	12	IM																							PWS; no new data since 2012 cycle
2-TLR000.03	VAV-H15R_TLR01A08	A,B	JM36	0	7	S	0	7	S	0	7	S																			IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-TLR000.05	VAV-H15R_TLR01A08	A	JM36	0	41	S	0	38	S	0	41	S	17	41	IM						0	S																WQS - Basin 2B: Section 10: Class III: Special Standards:
2-TNR000.25	VAC-H12R_TNR01A08	A,B	JM29	0	26	S	0	26	S	0	26	S	8	24	IM						0	S									FS							
2-TNY000.51	VAC-J05R_TNY01A04	A,TM	JA10	2	10	IM	0	10	S	1	10	S	2	10	IM																							No New Data Temperatures exceedances connected to upstream lake discharge. Stream assumed intermittent Appomattox Basin TMDL
2-TOT000.08	VAV-H17R_TOT01A00	FPM	JM44																																			WQS - Basin 2B: Section 11: Class III: Special Standards: PWS. Station used for use support/non-support in previous cycles. No 2016 data.
2-TOT001.01	VAV-H17L_TOT01A04	L	JM44	0	65	S	5	30	IM	0	65	S	0	13	S						0	S													1	2	IN	Insufficient to assess for nutrients, one year supporting, one non-supporting, need more data. Remains impaired for DO in 2016. WQS - Basin 2B: Section 10e: Class III Special Standards: PWS
2-TOT002.61	VAV-H17R_TOT02A00	A	JM44	0	12	S	0	11	S	0	12	S	2	12	IM																							WQS - Basin 2B: Section 10e: Class III: Special Standards: PWS
2-TPN003.59	VAC-H22R_TPN01A08	FPM,B	JM55	0	2	S	0	2	S	0	2	S	4	12	IM				0	W	0	S									FS							2013 FPM There are residences on one bank but otherwise this stream has excellent riffles and some bedrock. Phosphorus consistently high - OE
2-TRH000.40	VAC-H11L_TRH01A02	L	JM28	0	99	S	1	33	S	24	99	IM	1	14	S						0	S	0	S	0	S									2	2	O	2011-2012 Thrashers Creek Reservoir Both years exceed 90th percentile for Chl A pH Violation due to Natural Conditions

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-TSC-TKY01-SW	VAV-H30R_TSC01A14	CMON	JR18																												FS							WQS - Basin 2B: Section 10s: Class III: Special Standards: PWS
2-TWN-TWN01-SW	VAV-H28R_TWN01A10	CMON	JR14																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-TYE000.30	VAV-H13R_TYE01A00	A	JM33	0	12	S	0	12	S	0	12	S	0	12	S																							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-TYE008.77	VAV-H09R_TYE01A00	PA,B,TM	JM27	0	39	S	0	38	S	0	39	S	7	37	IM				0	S	0	S	0	S							FS							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-TYE017.67	VAV-H09R_TYE02A00	A	JM24	0	12	S	0	12	S	0	12	S	3	12	IM																							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-TYE020.67	VAV-H09R_TYE02A00	A,B,TR	JM24	0	38	S	0	38	S	0	37	S	8	36	IM																FS							WQS - Basin 2B: Section 11d: Class III: Special Standards: Trend Station
2-TYE024.88	VAV-H09R_TYE03A00	A,B	JM22	0	3	S	0	3	S	0	3	S																			FS							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-TYE028.94	VAV-H09R_TYE03A00	A,B	JM22	0	10	S	0	10	S	0	10	S	0	2	S				0	S	0	S	0	S							IM							WQS - Basin 2B: Section 11d: Class III: Special Standards:
2-TYE032.15	VAV-H09R_TYE04A04	A	JM22	0	12	S	0	11	S	0	12	S	0	12	S																							WQS - Basin 2B: Section 11: Class V: Special Standards:
2-TYE-MJ-TR-ACB	VAV-H09R_TYE01A00	CMON	JM27	0	8	S	0	5	S	0	8	S	1	8	IN/O																							WQS - Basin 2B: Section 11d: Class III: Special Standards: Field parameters Level III. 3 DO samples deemed Level II data due to thiosulfate being too strong. Still able to provide use determination based on 5 good samples. Bacteria samples Level II.
2-TYS002.04	VAV-H09R_TYS01A00	A	JM21																																			WQS - Basin 2B: Section 11: Class VI: Special Standards: Station used for use support/non-support in previous cycles. No 2016 data.
2VGN-CVW	VAC-J01R_VNS01A02	CMON	JA04										4	31	IM																							Clean Virginia Waterways Station Formerly 2VGN-CVW
2-VNS000.31	VAC-J01R_VNS01A02	A,TM,B	JA04	0	4	S	0	4	S	0	4	S	1	12	IM						0	S									FS							Appomattox River Basinwide TMDL Study 2008/2012/2014 Bio This stream had increased sediment deposition and moderately unstable banks.
2-VNS002.45	VAC-J01R_VNS01A02	FPM,B	JA04																0	W											J							2003 Probabilistic Monitoring Need additional data in order to accurately characterize this stream; however this site was monitored as part of the probabilistic monitoring program, is accessed via private property, and will not be revisited. The SCI score was near the cutoff for being assessed as fully supporting. Landowner denied access for further sampling.
2-VNS003.75	VAC-J01R_VNS01A02	A	JA04	0	12	S	0	12	S	0	12	S	3	12	IM																							
2-VNS007.73	VAC-J01R_VNS01A02	A	JA04	0	12	S	0	12	S	0	12	S	8	12	IM						0	S																
2-WAL000.44	VAP-J15R_WAL01A12	A	JA40	0	10	S	1	10	S	0	12	S	1	12	S																							no new data since 2012 cycle
2-WDC-WDU01-SW	VAV-H24R_WDC01A06	CMON	JR05																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS
2-WDY003.04	VAP-J11R_WDY01A00	TM,FPM	JA29	0	48	S	5	46	IM	1	47	S	11	47	IM																							
2-WET004.96	VAP-J11R_WET02A00	TM	JA31	0	12	S	0	11	S	0	11	S	2	11	IM						0	S																New Station in 2016 cycle
2-WGM003.15	VAP-J11R_WGM01A00	A	JA29	0	9	S	0	9	S	0	11	S	6	11	IM																							no new data since 2012 cycle
2-WHC000.46	VAP-H37R_BLG01A98	A	JM76	0	11	S	0	11	S	0	11	S	0	11	S																							
2-WIC000.40	VAC-H06R_WIC01A00	A,B	JM16	0	12	S	0	12	S	0	12	S	6	12	IM						0	S	0	S	0	S					FS							James H05 TMDL Monitoring
2-WIC005.69	VAC-H06R_WIC01A00	B	JM16	0	2	S	0	2	S	0	2	S																			FS							2014 Bio
2-WIC012.60	VAC-H06R_WIC02A10	TM	JM16	0	12	S	0	12	S	0	12	S	6	12	IM						0	S																No New Data James H05 TMDL Monitoring
2-WKF000.72	VAC-H05R_WKF01A10	A	JM15	0	12	S	0	12	S	0	12	S	1	12	S						0	S																2016 - Delist for EC
2-WLL001.83	VAC-H12R_WLL01A10	FPM,B	JM30	0	3	S	0	3	S	0	3	S							0	W	0	W	0	W	0	W					FS							2007/2009-2010 FPM Low SCI score in fall likely caused by drought that dried riffles within one month of sampling.
2-WLM000.69	VAC-H03R_WLM01A02	FPM,B	JM11	0	6	S	0	6	S	0	6	S	0	2	S				0	W	0	S	0	S	0	S					FS							2007-2008 Bio Excellent habitat and riparian zone. Periphyton and filamentous algae often dominant.
2-WLM002.69	VAC-H03R_WLM01A02	A	JM11	0	11	S	0	11	S	0	12	S	2	12	IM						0	S																Urban Non-Point Source
2-WLS004.27	VAC-H36R_WLS01A00	A,TM,TR	JM70	0	34	S	0	34	S	0	36	S	6	36	IM						0	S																Willis River TMDL EPA Approved 5/31/02
2-WLS021.48	VAC-H36R_WLS01B08	A	JM68	0	12	S	0	12	S	0	12	S	1	12	S						0	S																
2-WLS023.10	VAC-H36R_WLS01B08	FPM,B	JM68	0	1	W	0	1	W	0	1	W	0	1	W				0	W	0	W			0	W					J							2011 Large River FPM Large river non-target for current DEQ sampling techniques. No assessment tool available for large river benthic communities.
2-WLS024.61	VAC-H36R_WLS01B08	FPM,B	JM68	0	3	S	0	3	S	0	3	S							0	S	0	S	0	S	0	S					J	0	2	S	0	2	S	2001-02 Carryover Probabilistic Monitoring - change benthic assessment to J 2006 FC bacteria: 1/2 = IN 2011 FPM Large river non-target for current DEQ sampling techniques. No assessment tool available for large river benthic communities
2-WLS025.32	VAC-H36R_WLS01B08	A,TM,TR	JM68	0	34	S	1	34	S	0	36	S	7	36	IM						0	S																Willis River TMDL EPA Approved 5/31/02
2-WLS030.32	VAC-H36R_WLS01B08	A	JM66	0	10	S	0	10	S	0	12	S	5	12	IM						0	S																
2-WLS034.22	VAC-H36R_WLS02A06	A,TM	JM66	0	12	S	1	12	S	0	12	S	0	12	S						0	S																No New Data Willis River TMDL EPA Approved 5/31/02
2-WLS038.90	VAC-H36R_WLS02A06	A	JM66	0	12	S	0	12	S	0	12	S	0	12	S						0	S																
2-WLS042.78	VAC-H35R_WLS02A04	A,TR	JM64	0	34	S	0	34	S	0	36	S	10	36	IM						0	S																

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-WLS044.78	VAC-H35R_WLS02A04	A,TM	JM64	0	12	S	0	12	S	0	12	S	1	12	S						0	S	0	S	0	S												No New Data Willis River TMDL EPA Approved 5/31/02
2-WLS055.54	VAC-H35R_WLS01A04	B,SS	JM63	0	14	S	0	14	S	0	14	S	4	12	IM																J							2006 FC bacteria: 1/1 = IM 2014 Bio This stream was found to have an impoundment approximately 300 meters upstream and therefore cannot be assessed.
2-WLS057.34	VAC-H35R_WLS01A04	SS	JM63																																			2006 FC bacteria: 1/1 = IM
2-WNK003.38	VAP-J14R_WNK01A00	A	JA38	0	23	S	3	23	IM	1	23	S	5	23	IM																							PWS
2-WNT-6A-TJSWCD	VAV-H18R_WNT02A16	CMON	JM47	0	6	S							1	6	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-WNT-6B-TJSWCD	VAV-H18R_WNT02A16	CMON	JM47	0	6	S							0	6	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-WPK003.23	VAP-J12R_WPK01A98	A	JA35	0	12	S	5	12	IM	0	12	S	1	12	S																							Class VII; New Station in 2016 cycle
2-WPK-15-FOCR	VAP-J12R_WPK01A98	CMON	JA35	0	57	IN	14	44	IN/O	0	58	IN	2	15	IN/O																							Chesterfield Water Trends; level II data; Class VII
2-WSP001.95	VAC-H35R_WSP01A08	A,C	JM64	0	12	S	0	12	S	0	12	S	4	12	IM														0	S								
2-WTK001.50	VAP-J12R_WTK02A00	TM,B	JA34	0	2	IN	0	2	IN	1	2	IN									0	S									IM							2013 Benthic; Class VII water
2-WTK006.35	VAP-J12R_WTK01A00	A	JA34	0	12	S	2	12	IM	0	12	S	1	11	S																							Class VII; New Station in 2016 cycle
2-WTN001.23	VAC-H21R_WTN01A08	A,C	JM54	0	12	S	0	12	S	0	12	S	1	12	S														0	S								No New Data
2-WTN002.50	VAC-H21R_WTN01A08	B	JM54	0	2	S	0	2	S	0	2	S									0	S									IM							2013 Bio This stream had riffles consisting of mostly gravel and a little cobble. There was excessive sedimentation throughout the stream and an abundance of periphyton.
2-XBG-XBG01-SW	VAV-H31R_BAG01A06	CMON	JR21																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-XBI-WIN01-SW	VAV-H29R_XBI01A12	CMON	JR16																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10m: Class III: Special Standards: PWS
2-XBK-XAB01-SW	VAV-H31R_XBK01A12	CMON	JR19																												FS							WQS: Class III - Piedmont Zones Waters; Section 11
2-XBK-XAB02-SW	VAV-H31R_XBK01A12	CMON	JR19																												FS							WQS: Class III - Piedmont Zones Waters; Section 11
2-XBK-XAB03-SW	VAV-H31R_XBK01A12	CMON	JR19																												J							WQS: Class III - Piedmont Zones Waters; Section 11
2-XBM-ELK01-SW	VAV-H25R_XBM01A12	CMON	JR06																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-XBR-XBB01-SW	VAV-H31R_XBR01A12	CMON	JR19																												J							WQS: Class III - Piedmont Zones Waters; Section 11
2-XCF-XCF01-SW	VAV-H32R_XCF01A10	CMON	JR20																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-XDC-8A-TJSWCD	VAV-H19R_XDC01A16	CMON	JM49	0	6	S							0	6	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-XDC-8B-TJSWCD	VAV-H19R_XDC01A16	CMON	JM49	0	6	S							0	6	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-XDL-XDY01-SW	VAV-H24R_XDL01A12	CMON	JR04																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10i: Class III: Special Standards: PWS
2-XDW-PETE-01-NPS	VAP-J15R_XDW01A12	NONA	JA40	0	20	S	0	17	S	2	19	S																										NPS data level III
2-XEP000.44	VAC-J03L_XEP01A06	L	JA14	0	69	S	1	35	IM	1	69	S	0	7	S						0	S																2013/2014 Goodwin Lake - Delist Not listed in nutrient reg
2-XFT000.62	VAP-J11R_XFT01A10	TM	JA29	0	48	S	0	46	S	0	47	S	16	48	IM																							
2-XHK-4A-TJSWCD	VAV-H18R_XHK01A16	CMON	JM47	0	6	S							0	6	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-XHM-2A-TJSWCD	VAV-H18R_XHM01A16	CMON	JM46	0	6	S							4	6	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-XHR-7A-TJSWCD	VAV-H19R_XHR01A16	CMON	JM48	0	6	S							0	6	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 11: Class III: Special Standards
2-XIJ-14-CWT	VAP-H39R_XIJ01A12	CMON	JM85	0	47	IN	0	23	IN	0	60	IN																										previously 2-XIJ-14-FOCR - Chesterfield WaterTrends level 2
2-XKL000.37	VAV-H27R_FTB01A08	A,B	JR11	0	4	S	0	4	S	0	4	S																			IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XLI-XLI01-SW	VAV-H26R_XLI01A16	CMON	JR07																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 10j: Class III: Special Standards:
2-XLK-XLV01-SW	VAV-H23R_LKN01A00	CMON	JR02																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10h: Class III: Special Standards: PWS
2-XLU000.10	VAV-H13L_XLU01A04	L	JM32	2	118	S	12	52	IM	6	118	S	0	13	S						0	S												0	2	S	Remains impaired for DO in 2016. WQS: Class III Special Standards:
2-XLV002.27	VAV-H28L_XLV01A04	L	JR15	0	122	S	0	30	S	0	122	S	0	7	S						0	S												0	1	IN	Only one year of Chlor A data, unable to assess for nutrients. WQS: Class III Special Standards: PWS
2-XLW000.60	VAP-J07L_XLW01A00	L	JA21	0	122	S	4	70	S	21	122	IM	0	14	S						0	S												0	2	S	Amelia Lake 'TSI
2-XMH-1A-TJSWCD	VAV-H18R_XMH01A16	CMON	JM46	0	6	S							0	6	S																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-XMH-1B-TJSWCD	VAV-H18R_XMH01A16	CMON	JM46	0	6	S							0	6	S																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-XMH-1C-TJSWCD	VAV-H18R_XMH01A16	CMON	JM46	0	6	S							0	6	S																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-XMM01-SW	VAV-H23R_XMM01A10	CMON	JR02																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XMR-XMR01-SW	VAV-H28R_XMR01A12	CMON	JR15																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
2-XMW-XMW01-SW	VAV-H28R_XMW01A10	CMON	JR14																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XNH-3A-TJSWCD	VAV-H18R_XNH01A10	CMON	JM46	0	6	S							1	6	IN/O																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-XNH-3B-TJSWCD	VAV-H18R_XNH01A10	CMON	JM46	0	6	S							0	6	IN																							TJSWCD Level II Coli-scan Data WQS - Basin 2B: Section 10: Class III: Special Standards
2-XPR-XPR01-SW	VAV-H27R_XPR01A14	CMON	JR12																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XPT-XPT01-SW	VAV-H23R_XPT01A10	CMON	JR02																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10g: Class III: Special Standards: PWS
2-XPY-XPY01-SW	VAV-H25R_XPY01A12	CMON	JR06																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-XPY-XPY02-SW	VAV-H25R_XPY01A12	CMON	JR06																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-XQM000.03	VAC-H35R_XQM01A00	SS	JM63	0	4	S	0	4	S	0	6	S																				0	1	W				Hog Farm Special Study Station 2006 FC bacteria: 1/1 = IM
2-XQT-QTR01-SW	VAV-H27R_XQT01A14	CMON	JR10																												J							WQS - Basin 2B: Section 10o: Class III: Special Standards: PWS
2-XRC001.15	VAV-H28R_XRC01A04	B	JR15	0	2	S	0	2	S	0	2	S																			IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XRC-XRC01-SW	VAV-H28R_XRC01A04	CMON	JR15																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XRD-XRD01-SW	VAV-H28R_XRD01A12	CMON	JR14																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XRN-FOS01-SW	VAV-H27R_FOS01A12	CMON	JR13																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XRN-XZZ01-SW	VAV-H31R_XRN01A10	CMON	JR19																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-XRT-XRT01-SW	VAV-H29R_XRT01A12	CMON	JR17																												J							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XRV-XZW01-SW	VAV-H26R_XRV01A10	CMON	JR08																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10j: Class III: Special Standards: PWS
2-XRZ-ZRZ01-SW	VAV-H28R_XRZ01A12	CMON	JR14																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XSI-XSI01-SW	VAV-H23R_SIN02A10	CMON	JR02																												IM							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10h: Class III: Special Standards: PWS
2-XSN000.04	VAV-H28R_SNK01A02	SS	JR14																						8	O												Sediment samples exceeded the screening value for Benzo_A_Pyrene, Chrysene, Fluoranthene, Phenanthrene, and Pyrene WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XSN000.08	VAV-H28R_SNK01A02	A,B	JR14	0	24	S	0	24	S	0	24	S	6	6	IM						0	S									IM							WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XSN000.19	VAV-H28R_SNK01A02	SS	JR14																						8	O												Sediment samples exceeded the screening value for Benzo_A_Pyrene, Benzo_A_Anthracene, Chrysene, Fluoranthene, PAH_Totals, Phenanthrene and Pyrene. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XTI-5056-USFS	VAC-H02R_XTI01A12	USFS	JM05																												UN							USFS Level III Bio Assessment
2-XUT000.62	VAP-H39R_XUT01A04	TM	JM84	0	11	S	1	11	S	0	11	S									0	S																PWS - NO3 okay
2-XVX000.62	VAP-H37R_XVX01A06	FPM,B	JM76	0	6	S	0	6	S	1	6	IN	0	2	S				0	S	0	S	0	S							IN							2011 and 2013 probmon
2-XWT-XWT01-SW	VAV-H23R_WTB01A12	CMON	JR01																												FS							Stream Watch Benthic Data Level III. WQS - Basin 2B: Section 10: Class III: Special Standards:
2-XXA001.43	VAC-H03R_XXA01A08	TM	JM10	0	12	S	0	12	S	0	12	S	4	12	IM						0	S																No New Data Lynchburg Area TMDL
2-XXM000.01	VAV-H09R_MSB01A00	B	JM21																																			WQS - Basin 2B: Section 10: Class VI: Special Standards: Station used for use support/non-support in previous cycles. No 2016 data.
2-XYT000.10	VAP-H39R_XYT01A08	TM	JM84	0	21	S	0	21	S	0	21	S									0	S																PWS - NO3 okay
2-XYT000.83	VAP-H39R_XYT01A08	TM	JM84	0	21	S	0	21	S	0	21	S									0	S																PWS - NO3 okay
2-XYX-XYX01-SW	VAV-H31R_XYX01A10	CMON	JR19																												IM							Stream Watch Benthic Data Level III; Bacteria Level II. WQS - Basin 2B: Section 11: Class III: Special Standards:
2-XZF000.85	VAC-H21R_XZF01A10	FPM,B	JM53	0	1	W	0	1	W	0	1	W	0	1	W				0	W	0	W	0	W	0	W					J							2007 FPM UT Bryant Creek is a small stream dominated by beaver activity in a silvicultural watershed. This stream was too dry to sample in fall 2007. Need additional data in order to accurately characterize this stream; however this site was monitored as part of the probabilistic monitoring program, is accessed via private property, and will not be revisited.
2-XZN001.15	VAP-J11R_XZN01A10	TM	JA29	0	49	S	4	47	S	0	48	S	48	48	IM						0	O																OE for Total Ammonia
5024	VAC-H11R_BNF02A02	CMON	JM28																												UN							USFS Single Benthic Sample
5027	VAW-H01R_TRR01A02	USFS	JM01																												UN							5 spring surveys (2008-2012) average score 74.9- 'FS'. 1 survey '05 (MAIS 17 VG) Lv. 3.
5078	VAV-H10R_GGO01A02	USFS	JM25																																			Assessment Based on SCI Score - WQS - Basin 2B: Section 11d: Class VI: Special Standards: Station used for use support/non-support in previous cycles. No 2016 data.
5105	VAV-H10R_PRS01A00	USFS	JM25																												FS							Assessment Based on SCI Score - WQS - Basin 2B: Section 11: Class VI: Special Standards:

Station ID	Assessment Unit ID	Station Type(s)	VAHU6	CONVENTIONAL WATER COLUMN DATA									BACTERIA						WATER COLUMN				SEDIMENT				FISH TISSUE				BENTHIC	NUTRIENTS *						COMMENTS
				Temperature			Dissolved Oxygen			pH			E. coli			Enterococci			Metals		Other Toxics		Metals		Other Toxics		Metals		Other Toxics		BioMon	Total Phosphorous			Chlorophyll a			
				Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Samples	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Exceed	Status	Status	Exceed	Samples	Status	Exceed	Samples	Status	
James River Basin (Middle)																																						
AB01-UVA	VAV-H24R_MNF01A00	NONA	JR03							0	1	W																										WQS - Basin 2B: Section 10i: Class VI Special Standards: PWS
AB02-UVA	VAV-H24R_MNF01A00	NONA	JR03							0	1	W																										WQS - Basin 2B: Section 10i: Class VI Special Standards: PWS
AB04-UVA	VAV-H24R_MNF01A00	NONA	JR03							0	1	W																										WQS - Basin 2B: Section 10i: Class VI Special Standards: PWS
AB05-UVA	VAV-H24R_MNF01A00	NONA	JR03							0	1	W																										WQS - Basin 2B: Section 10i: Class VI Special Standards: PWS
AB06-UVA	VAV-H24R_DYL02A10	NONA	JR04							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
AB07-UVA	VAV-H24R_XDY01A10	NONA	JR04							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
AB08-UVA	VAV-H24R_MNK01A00	NONA	JR03							0	1	W																										WQS - Basin 2B: Section 10i: Class VI Special Standards: PWS
AB09-UVA	VAV-H24R_PRG01A10	NONA	JR03							0	1	W																										WQS - Basin 2B: Section 10i: Class VI Special Standards: PWS
AM05-UVA	VAV-H10R_PRS01A00	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
AM06-UVA	VAV-H10R_LIR01A00	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11d: Class VI Special Standards:
AM07-UVA	VAV-H10R_LIR01A00	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11d: Class VI Special Standards:
AM24-UVA	VAV-H10R_LIR01A00	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11d: Class VI Special Standards:
B4	VAC-H11R_ZZZ01A00	CMON	JM28										0	1	W																							Sweet Briar College Station
B5	VAC-H11R_ZZZ01A00	CMON	JM28										0	1	W																							Sweet Briar College Station
B8	VAC-H11R_ZZZ01A00	CMON	JM28										0	1	W																							Sweet Briar College Station
B9	VAC-H11R_ZZZ01A00	CMON	JM28										0	1	W																							Sweet Briar College Station
GR08-UVA	VAV-H27R_IVI01A04	NONA	JR09							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
GR09-UVA	VAV-H27R_SFR02A00	NONA	JR10							0	1	W																										WQS - Basin 2B: Section 10o: Class III Special Standards:
M2	VAC-H11R_MIN01A08	CMON	JM29										0	1	W																							Sweet Briar College Station
NE01-UVA	VAV-H15R_XML01A10	NONA	JM36							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
NE02-UVA	VAV-H15R_XRD01A10	NONA	JM36							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
NE03-UVA	VAV-H15R_SYC02A10	NONA	JM37							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
NE04-UVA	VAV-H15R_SPC02A10	NONA	JM37							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
NE05-UVA	VAV-H09R_WHB01A10	NONA	JM21							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE06-UVA	VAV-H09R_DHM01A10	NONA	JM21							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE07-UVA	VAV-H09R_TYN02A10	NONA	JM21							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE08-UVA	VAV-H09R_MIO01A00	NONA	JM21							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
NE10-UVA	VAV-H10R_PRN01A02	NONA	JM25							1	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE11-UVA	VAV-H10R_LSB01A10	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE13-UVA	VAV-H10R_PNY03A04	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11d: Class III Special Standards:
NE14-UVA	VAV-H10R_PRN01A02	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE15-UVA	VAV-H10R_PRS01A00	NONA	JM25							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE16-UVA	VAV-H09R_RCN01A10	NONA	JM22							0	1	W																										WQS - Basin 2B: Section 11d: Class VI Special Standards:
NE17-UVA	VAV-H09R_SLV01A10	NONA	JM22							0	1	W																										WQS - Basin 2B: Section 11d: Class VI Special Standards:
NE18-UVA	VAV-H09R_XSY01A02	NONA	JM22							0	1	W																										WQS - Basin 2B: Section 11d: Class VI Special Standards:
NE21-UVA	VAV-H09R_TYS01A00	NONA	JM22							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE22-UVA	VAV-H09R_CBL01A00	NONA	JM22							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE23-UVA	VAV-H09R_TYN01A00	NONA	JM21							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE24-UVA	VAV-H09R_TYS01A00	NONA	JM21							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE25-UVA	VAV-H09R_TYS01A00	NONA	JM21							0	1	W																										WQS - Basin 2B: Section 11: Class VI Special Standards:
NE26-UVA	VAV-H15R_XPL01A10	NONA	JM36							0	1	W																										WQS - Basin 2B: Section 10: Class VI Special Standards:
NE27-UVA	VAV-H09R_CHB01A10	NONA	JM22							0	1	W																										WQS - Basin 2B: Section 11d: Class VI Special Standards:
P1	VAC-H11R_PPY01A06	CMON	JM28										1	1	IN																UN							Sweet Briar College Station E Coli Result Too Numerous To Count 6/17/2004 - Category 3B
VT43-UVA	VAV-H10R_GRE01A02	NONA	JM25	1	15	IN				2	15	IN/O																										WQS - Basin 2B: Section 11: Class VI Special Standards:
VT44-UVA	VAV-H10R_GGO01A02	NONA	JM25	1	15	IN				0	15	IN																										WQS - Basin 2B: Section 11b: Class VI Special Standards:
VT63-UVA	VAV-H10R_SHO01A00	NONA	JM25	1	15	IN				0	15	IN																										WQS - Basin 2B: Section 11: Class VI Special Standards:
VT64-UVA	VAV-H09R_CRB01A00	NONA	JM21	2	15	IN/O				0	15	IN																										WQS - Basin 2B: Section 11: Class VI Special Standards:
VT65-UVA	VAV-H09R_MDC01A02	NONA	JM21	2	16	IN/O				0	16	IN																										WQS - Basin 2B: Section 11: Class VI Special Standards:

* For lake/reservoir NUTRIENTS (i.e. Total Phosphorus or Chlorophyll a), "Exceed" refers to the number of exceedences of the Water Quality Standards criteria per monitoring year (April-October) and "Samples" represent the number of monitoring years. A minimum of two monitoring years are required to make a supporting (S) or impaired (IM) assessment determination. Less than two full monitoring years result in an insufficient (IN) determination. Also, nutrients are only assessed in lakes listed in Section 187 of the WQS if there is documented algaecide use.

NOTE: Values in VAHU6 refer to the 6th order watershed in version 4 of Virginia's portion of the National Watershed Boundary Dataset as it was the most current dataset available during the 2016 assessment data window.