

Table 1. Fully Supported Sites in the Broad River Basin

* = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03050105-08	Buffalo Creek	B-740*		
03050105-10	Lake Thicketty	RL-02301		
		B-342		
		RL-03457		
	Thicketty Creek	RS-01028		
03050105-11	Bullock Creek	B-739*		
	Lake York	B-737		
	Clark Creek	B-157*		
03050105-12	Vaughn Creek	B-099-7*		
	Lake Lanier	B-099A	Decreasing Total Phosphorus	Decreasing Dissolved Oxygen; Increasing pH, Fecal Coliform
		B-099B	Decreasing Total Phosphorus	
	North Pacolet River	B-719		
	Obed Creek	B-791*		
	03050105-13	South Pacolet River	B-720*	
Lake Bowen		B-340		
		B-339		Increasing BOD ₅ , Turbidity, Total Phosphorus, Total Nitrogen, Fecal Coliform; Decreasing pH
Spartanburg Reservoir #1		B-113	Decreasing BOD ₅ , Turbidity	

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03050105-15	Pacolet River	B-163A	Decreasing BOD ₅ , Turbidity; Increasing Dissolved Oxygen	Increasing Total Phosphorus, pH
		B-331	Decreasing Total Phosphorus; Increasing Dissolved Oxygen	
	Lake Blalock	RL-02323		
		RL-01019		
		RL-04367		
		RL-04389		
		RL-04363		
		B-347		
	Buck Creek	B-783*		
	03050105-16	Ross Creek	RS-03352	
B-789*				
Bowen River		B-788*		
Cherokee Creek		B-056	Decreasing Total Phosphorus, Total Nitrogen, Fecal Coliform	
Lake Cherokee		B-343		
Guyonmoore Creek		B-330		Increasing BOD ₅ ; Decreasing Dissolved Oxygen
		RS-02482		
03050106-01	Susybole Creek	RS-03349		
03050106-02	Chester State Park Lake	CL-023		

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03050106-03	Lake John D. Long	RL-01010		
		B-344		
	Gregorys Creek	B-335		Increasing BOD ₅ , Total Nitrogen
	Neals Creek	B-778*		
03050106-04	Broad River	B-047	Increasing Dissolved Oxygen	Increasing pH
	Cannons Creek	B-751*		
	Monticello Reservoir	B-328	Decreasing BOD ₅ , Turbidity, Total Phosphorus, Total Nitrogen, Fecal Coliform	Increasing pH
		RL-04370		
		RL-04374		
03050106-07	Wateree Creek	B-801*		

Table 2. Impaired Sites in the Broad River Basin

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Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03050105-08	Buffalo Creek	B-119 ^{TD}	REC	PS	Fecal Coliform	Decreasing Total Phosphorus	
		B-057 ^{TD}	AL	PS	Copper	Decreasing Total Phosphorus, Fecal Coliform	
			REC	PS	Fecal Coliform		
03050105-09	Kings Creek	B-333	REC	PS	Fecal Coliform	Decreasing Total Phosphorus	Increasing Total Nitrogen
03050105-10	Irene Creek	B-059 ^{TD}	REC	NS	Fecal Coliform		Decreasing Dissolved Oxygen; Increasing BOD ₅ , Turbidity
	Thicketty Creek	B-095 ^{TD}	REC	PS	Fecal Coliform		
		B-133 ^{TD}	REC	NS	Fecal Coliform	Decreasing Total Phosphorus	Increasing BOD ₅
		B-062 ^{TD}	AL	NS	Copper	Decreasing Total Phosphorus	Decreasing Dissolved Oxygen; Increasing BOD ₅
	REC		PS	Fecal Coliform			
	Little Thicketty Creek	RS-04376	AL	PS	Macroinvertebrates		
			REC	NS	Fecal Coliform		
	Linestone Creek	B-128 ^{TD}	REC	NS	Fecal Coliform		Decreasing Dissolved Oxygen; Increasing Turbidity
Gilkey Creek	B-334 ^{TD}	AL	PS	Macroinvertebrates		Increasing BOD ₅ , Total Nitrogen	
03050105-11	Bullock Creek	B-159 ^T	REC	NS	Fecal Coliform		Decreasing Dissolved Oxygen; Increasing BOD ₅
	Clark Fork	B-325 ^{TD}	AL	PS	Dissolved Oxygen		
			REC	NS	Fecal Coliform		
Long Branch	B-326 ^{TD}	REC	PS	Fecal Coliform		Increasing BOD ₅ , Turbidity, Fecal Coliform	

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Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03050105-12	North Pacolet River	B-026 ^{TD}	REC	NS	Fecal Coliform	Decreasing BOD ₅ , Turbidity, Total Phosphorus, Total Nitrogen	Decreasing Dissolved Oxygen, pH
		B-126 ^{TD}	REC	PS	Fecal Coliform	Decreasing Turbidity, Total Phosphorus	Increasing BOD ₅ ; Decreasing pH
	Page Creek	B-301 ^{TD}	REC	NS	Fecal Coliform		Decreasing Dissolved Oxygen, pH
	Obed Creek	RS-03514	AL	PS	Macroinvertebrates		
			REC	PS	Fecal Coliform		
03050105-13	South Pacolet River	B-302 ^{TD}	REC	PS	Fecal Coliform	Decreasing Turbidity, Total Phosphorus	
	Spivey Creek	B-103 ^{TD}	REC	PS	Fecal Coliform	Decreasing Turbidity	
	Motlow Creek	B-790*	AL	PS	Macroinvertebrates		
03050105-14	Lawsons Fork Creek	B-221 ^{TD}	REC	NS	Fecal Coliform	Decreasing BOD ₅ , Turbidity	Decreasing pH
		B-277 ^{TD}	REC	NS	Fecal Coliform	Decreasing BOD ₅ , Increasing Dissolved Oxygen	
		B-278 ^{TD}	REC	NS	Fecal Coliform	Decreasing Fecal Coliform	
		BL-005 ^{TD}	REC	PS	Fecal Coliform	Decreasing Turbidity, Fecal Coliform	
	Lawsons Fork Creek (continued)	BL-001 ^{TD}	AL	PS	Macroinvertebrates	Decreasing Turbidity	Increasing Total Nitrogen, Total Suspended Solids
			REC	NS	Fecal Coliform		
	Meadow Creek	RS-02320	REC	NS	Fecal Coliform		
B-531*		AL	PS	Macroinvertebrates			

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Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03050105-15	Pacolet River	B-028 ^{TD}	REC	PS	Fecal Coliform	Decreasing BOD ₅ , Total Phosphorus, Turbidity, Total Suspended Solids, Fecal Coliform	
		BP-001 ^{TD}	REC	PS	Fecal Coliform	Decreasing Turbidity, Fecal Coliform	
		B-048 ^{TD}	REC	PS	Fecal Coliform	Decreasing Fecal Coliform	Increasing Total Nitrogen; Decreasing Dissolved Oxygen
	Lake Blalock	RL-03345	REC	PS	Fecal Coliform		
		RL-04461	AL	NS	Copper		
	Little Buck Creek	B-259 ^{TD}	REC	NS	Fecal Coliform	Decreasing Turbidity	
	Potter Branch	B-191 ^{TD}	AL	PS	Dissolved Oxygen, pH	Decreasing BOD ₅ , Total Phosphorus	
			REC	PS	Fecal Coliform		
03050105-16	Broad River	B-042 ^{TD}	AL	NS	Copper	Decreasing Fecal Coliform	Increasing BOD ₅ , Total Phosphorus, Total Nitrogen
			REC	PS	Fecal Coliform		
		B-044 ^{TD}	REC	PS	Fecal Coliform	Decreasing Fecal Coliform	Increasing BOD ₅ , Total Nitrogen; Decreasing Dissolved Oxygen
	Canoe Creek	B-088 ^{TD}	REC	NS	Fecal Coliform	Increasing Dissolved Oxygen	Increasing Fecal Coliform
	Lake Whelchel	RL-01029	AL	NS	Chlorophyll-a		
		RL-03341	AL	PS	pH		
	Cherokee Creek	B-679*	AL	PS	Macroinvertebrates		

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Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03050105-16 (Continued)	Peoples Creek	B-211 ^{TD}	REC	NS	Fecal Coliform		Decreasing pH
	Furnace Creek	B-100 ^{TD}	REC	PS	Fecal Coliform	Decreasing Total Phosphorus, Fecal Coliform	Decreasing pH; Increasing BOD ₅
	Doolittle Creek	B-323 ^{TD}	REC	PS	Fecal Coliform		Increasing BOD ₅ , Decreasing Dissolved Oxygen, pH
03050106-01	Ross Branch	B-086 ^{TD}	AL	NS	Turbidity		
			REC	NS	Fecal Coliform		
	Turkey Creek	B-136 ^{TD}	AL	PS	Macroinvertebrates		Increasing BOD ₅
			REC	NS	Fecal Coliform		
03050106-02	Dry Fork	B-074 ^{TD}	AL	PS	Dissolved Oxygen		Increasing BOD ₅ ; Decreasing Dissolved Oxygen
			REC	NS	Fecal Coliform		
	Sandy River	B-075 ^{TD}	REC	NS	Fecal Coliform		Increasing BOD ₅ ; Total Nitrogen; Decreasing Dissolved Oxygen, pH
03050106-03	Meng Creek Tributary	B-243 ^{TD}	AL	PS	pH	Increasing Dissolved Oxygen; Decreasing BOD ₅ , Total Phosphorus, Fecal Coliform	
			REC	NS	Fecal Coliform		
	Meng Creek	B-064 ^{TD}	AL	PS	pH	Decreasing Total Phosphorus	Increasing BOD ₅
			REC	NS	Fecal Coliform		
	Browns Creek	B-155 ^{TD}	AL	PS	Macroinvertebrates		Increasing BOD ₅
			REC	PS	Fecal Coliform		

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Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03050106-03 (Continued)	Clarks Creek	RS-04543	REC	NS	Fecal Coliform		
	Broad River	B-046 ^{TD}	AL	PS	Copper		Decreasing Dissolved Oxygen, pH
			REC	PS	Fecal Coliform		
03050106-04	McClures Creek	RS-04527	AL	PS	Macroinvertebrates		
			REC	NS	Fecal Coliform		
	Beaver Creek	B-143*	AL	PS	Macroinvertebrates		
	Hellers Creek	B-151*	AL	PS	Macroinvertebrates		
	Parr Reservoir	B-346	AL	NS	Total Phosphorus		
		B-345	AL	NS	Copper		Increasing BOD ₅
	Cannons Creek	B-831*	AL	PS	Macroinvertebrates		
	Monticello Reservoir	B-327	AL	PS	pH	Decreasing Fecal Coliform	Increasing pH
	Mud Creek	RS-03343	REC	NS	Fecal Coliform		
03050106-05	Winnsboro Branch	B-123 ^{TD}	REC	NS	Fecal Coliform		Increasing pH
		B-077 ^{TD}	AL	NS	Copper	Decreasing BOD ₅	Increasing Total Phosphorus
			REC	NS	Fecal Coliform		
	Jackson Creek	B-102 ^{TD}	AL	NS	Macroinvertebrates Copper	Increasing Dissolved Oxygen	Increasing pH
			REC	PS	Fecal Coliform		
	Mill Creek	B-338 ^{TD}	REC	NS	Fecal Coliform	Decreasing Total Phosphorus	Increasing BOD ₅

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Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03050106-05 (Continued)	Little River	B-145 ^{TD}	REC	NS	Fecal Coliform	Decreasing Fecal Coliform	Increasing pH
		B-350 ^{TD}	REC	PS	Fecal Coliform		Increasing BOD ₅ , Turbidity, Total Nitrogen, pH
03050106-06	Big Cedar Creek	B-320/ ^{TD} RS-02453	REC	NS	Fecal Coliform	Increasing Dissolved Oxygen	Increasing BOD ₅ , Total Nitrogen
03050106-07	Broad River	B-236	AL	NS	Copper	Decreasing Fecal Coliform	Increasing pH
		B-337 ^{TD}	REC	PS	Fecal Coliform		
	Broad River Diversion Canal	B-080	REC	PS	Fecal Coliform		
	Crims Creek Tributary	RS-03517	REC	NS	Fecal Coliform		
	Crims Creek	B-800*	AL	PS	Macroinvertebrates		
	Elizabeth Lake	B-110 ^{TD}	REC	PS	Fecal Coliform	Increasing Dissolved Oxygen	Increasing pH
	Crane Creek	B-316 ^{TD}	AL	PS	Macroinvertebrates	Decreasing Turbidity, Fecal Coliform	Increasing pH
			REC	PS	Fecal Coliform		
Smith Branch	B-280 ^{TD}	REC	NS	Fecal Coliform	Increasing Dissolved Oxygen; Decreasing Turbidity, Fecal Coliform	Increasing Total Phosphorus, pH	

Table 3. Changes in Use Support Status

Broad River Basin Sites that Improved from 2000 to 2004

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Non-supported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				2000	2004	2000	2004
03050105-08	Buffalo Creek	B-119	REC	NS	PS	Fecal Coliform	Fecal Coliform
		B-057	REC	NS	PS	Fecal Coliform	Fecal Coliform
03050105-10	Thicketty Creek	B-095	REC	NS	PS	Fecal Coliform	Fecal Coliform
		B-062	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Gilkey Creek	B-334	REC	NS	FS	Fecal Coliform	
03050105-12	North Pacolet River	B-126	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Lake Lanier	B-099B	REC	PS	FS	Fecal Coliform	
03050105-13	South Pacolet River	B-302	REC	NS	PS	Fecal Coliform	Fecal Coliform
03050105-14	Lawsons Fork Creek	B-221	AL	PS	FS	Macroinvertebrates	
		BL-005	REC	NS	PS	Fecal Coliform	Fecal Coliform
03050105-15	Pacolet River	B-028	REC	NS	PS	Fecal Coliform	Fecal Coliform
		B-331	REC	PS	FS	Fecal Coliform	
		BP-001	REC	NS	PS	Fecal Coliform	Fecal Coliform
		B-048	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Potter Branch	B-191	REC	NS	PS	Fecal Coliform	Fecal Coliform
03050105-16	Broad River	B-042	REC	NS	PS	Fecal Coliform	Fecal Coliform
		B-044	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Canoe Creek	B-088	AL	PS	FS	Dissolved Oxygen	
	Furnace Creek	B-100	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Doolittle Creek	B-323	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Guyonmoore Creek	B-330	REC	PS	FS	Fecal Coliform	
	Cherokee Creek	B-056	REC	NS	FS	Fecal Coliform	
03050106-03	Lake John D. Long	B-344	AL	NS	FS	pH	
	Gregorys Creek	B-335	REC	NS	FS	Fecal Coliform	
03050106-04	Broad River	B-047	REC	PS	FS	Fecal Coliform	

Broad River Basin Sites that Improved from 2000 to 2004

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Nonsupported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				2000	2004	2000	2004
03050106-07	Broad River Diversion Canal	B-080	AL	NS	FS	Copper	
	Wateree Creek	B-801	AL	PS	FS	Macroinvertebrates	
	Crane Creek	B-316	AL	NS	PS	Zinc	Macroinvertebrates
	Smith Branch	B-280	AL	NS	FS	Macroinvertebrates Zinc	

Table 4. Changes in Use Support Status
Broad River Basin Sites that Degraded from 2000 to 2004

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Nonsupported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				2000	2004	2000	2004
03050105-10	Thicketty Creek	B-062	AL	FS	NS		Copper
	Gilkey Creek	B-334	AL	FS	PS		Macroinvertebrates
03050105-11	Long Branch	B-326	REC	FS	PS		Fecal Coliform
	Clark Fork	B-325	AL	FS	PS		Dissolved Oxygen
			REC	FS	NS		Fecal Coliform
03050105-14	Meadow Creek	B-531	AL	FS	PS		Macroinvertebrates
03050105-15	Potter Branch	B-191	AL	FS	PS		Dissolved Oxygen, pH
03050105-16	Broad River	B-042	AL	FS	NS		Copper
03050106-01	Turkey Creek	B-136	AL	FS	PS		Macroinvertebrates
			REC	PS	NS	Fecal Coliform	Fecal Coliform
	Ross Branch	B-086	AL	FS	NS		Turbidity
03050106-02	Dry Fork	B-074	AL	FS	PS		Dissolved Oxygen
03050106-03	Browns Creek	B-155	AL	FS	PS		Macroinvertebrates
	Broad River	B-046	AL	FS	PS		Copper
	Meng Creek Tributary	B-243	AL	FS	PS		pH
	Meng Creek	B-064	AL	FS	PS		pH
03050106-04	Monticello Reservoir	B-327	AL	FS	PS		pH
	Parr Reservoir	B-346	AL	FS	NS		Total Phosphorus
		B-345	AL	FS	NS		Copper
03050106-05	Jackson Creek	B-102	AL	PS	NS	Macroinvertebrates	Macroinvertebrates, Copper
03050106-06	Big Cedar Creek	B-320/ RS-03517	REC	PS	NS	Fecal Coliform	Fecal Coliform
03050106-07	Broad River	B-236	AL	FS	NS		Copper

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