APPENDIX A.

Enoree River Basin

Ambient Water Quality Monitoring Site Descriptions

Station #	Type	Class	Description
03050108-010			
BE-001	P	FW	Enoree River at Unnumbered Road W of U.S. 25, N of Travelers Rest
B-797	BIO	FW	Enoree River at Pine Log Ford Rd., 2ND crossing above SC 253 bridge
BE-039	S	FW	Beaverdam Creek at Road 1967
B-796	BIO	FW	Beaverdam Creek at SC 253
B-795	BIO	FW	Buckhorn creek at SR 562
B-186	S	FW	Mountain Creek at S-23-335
BE-008	BIO	FW	Mountain Creek at SR 279
B-192	P	FW	Princess Creek at Suber Mill Rd, second road S of US 29 off S-23-540
BE-015	S	FW	Enoree River at County Road 164
BE-035	S/BIO	FW	Brushy Creek at Howell Rd (at SR 273), approx 5 mi NE of Greenville
BE-009	S	FW	Brushy Creek at S-23-164
BE-007	S	FW	Rocky Ck at Batesville bridge, 1 mi above confl. with Enoree R.
B-792	BIO	FW	Abner Creek at Bennetts Ridge Rd.
BE-017	P	FW	Enoree River at SC 296, 7.5 mi NE of Mauldin
BE-040	S	FW	Gilder Creek at SC 14, above Gilders Creek Plant
B-241	S	FW	Gilder Creek at S-23-142, 2.75 mi ENE of Mauldin
B-793	BIO	FW	Horsepen Creek at SR 145
BE-020	S	FW	Gilder Creek at S-23-143, 1/4 mi above confluence with Enoree River
BE-018	S/BIO	FW	Enoree River at S-30-75
BE-019	BIO	FW	Enoree River at SC 418
B-037	S	FW	Enoree River at S-42-118, SW of Woodruff
B-038	S	FW	Lick Creek at S-42-118, 1 1/4 mi SW Woodruff
B-035	S	FW	Durbin Creek on S-23-160, 3 mi E of Simpsonville
B-097	P	FW	Durbin Creek at SC 418
BE-022	BIO	FW	Durbin Creek at SC 101
B-040	W	FW	Enoree River at S-30-112
03050108-020			
B-041	P	FW	Enoree River at SC 49, SE of Woodruff
B-785	BIO	FW	Cedar Shoals Ck at unnamed rd 0.2 km above confl.with Enoree River
B-053	W	FW	Enoree River at SC 72, 121, & US 176, 1 mi NE Whitmire
03050108-030			
B-246	W/BIO	FW	Beaverdam Creek at S-30-97, 7 mi NE of Gray Court
B-150	W	FW	Warrior Creek at US 221, 8 mi NNE of Laurens
B-742	BIO	FW	Warrior Creek at SC 49
03050108-040			
B-735	W	FW	Duncan Creek Reservoir 6B
B-231	S	FW	Beards Fork Creek at US 276 (I-385), 3.7 mi NNE of Clinton
B-072	P/BIO	FW	Duncan Creek at US 176, 1.5 mi SE of Whitmire
03050108-050			
B-071	BIO	FW	Indian Creek at US 176
B-799	BIO	FW	Kings Creek at US 176, downstream of bridge
B-054	P	FW	Enoree River at S-36-45, 3.5 mi above confluence with Broad River

For further details concerning sampling frequency and parameters sampled, please visit our website at *www.scdhec.net/eqc/admin/html/eqcpubs.html#wqreports* for the current State of S.C. Monitoring Strategy.

Water Quality Data

Spreadsheet Legend

Station Information:

STATION NUMBER Station ID

TYPE SCDHEC station type code

P = Primary station, sampled monthly all year round

S = Secondary station, sampled monthly May - October

P* = Secondary station upgraded to primary station parameter coverage and sampling frequency for b

W = Special watershed station added for the Broad River Basin study

BIO = Indicates macroinvertebrate community data assessed

WATERBODY NAME Stream or Lake Name

CLASS Stream classification at the point where monitoring station is located

Parameter Abbreviations and Parameter Measurement Units:

DO	Dissolved Oxygen (mg/l)	NH3	Ammonia (mg/l)
BOD	Five-Day Biochemical Oxygen Demand (mg/l)	CD	Cadmium (ug/l)
pH	pH (SU)	CR	Chromium (ug/l)
TP	Total Phosphorus (mg/l)	CU	Copper (ug/l)
TN	Total Nitrogen (mg/l)	PB	Lead (ug/l)
TURB	Turbidity (NTU)	HG	Mercury (ug/l)
TSS	Total Suspended Solids (mg/l)	NI	Nickel (ug/l)
BACT	Fecal Coliform Bacteria (#/100 ml)	ZN	Zinc (ug/l)

Statistical Abbreviations:

N For standards compliance, number of surface samples collected between January 1995 and December 1999.
For trends, number of surface samples collected between January 1984 and December 1999.
For total phosphorus, an additional trend period of January 1992 to December 1999 is also reported.

EXC. Number of samples contravening the appropriate standard

% Percentage of samples contravening the appropriate standard

MEAN EXC. Mean of samples that contravened the applied standard

MED For heavy metals with a human health criterion, this is the median of all surface samples between January 1995 and December 1999. DL indicates that the median was the detection limit.

MAG Magnitude of any statistically significant trend, average change per year, expressed in parameter measurement units

GEO MEAN Geometric mean of fecal coliform bacteria samples collected between January 1995 and December 1999

Key to Trends:

D Statistically significant decreasing trend in parameter concentration

I Statistically significant increasing trend in parameter concentration

* No statistically significant trend

Blank Insufficient data to test for long term trends

ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION				DO	DO	DO	MEAN	TRENDS (85 -99)						pH	pH	pH	MEAN	TRENDS (85-99)		
NUMBER	TYPE	WATERBODY NAME	CLASS	N	EXC.	%	EXC.	DO	N	MAG	BOD	N	MAG	N	EXC.	%	EXC.	PH	N	MAG
03050108010																				
BE-001	P	ENOREE RVR	FW	55	0	0		*	172		D	173	-0.04	57	2	4	5.8	D	169	-0.01
B-797	BIO	ENOREE RVR	FW																	
BE-039	S	BEAVERDAM CK	FW	26	0	0		I	77	0.079	D	79	-0.152	28	1	4	5.9	D	79	-0.033
B-796	BIO	BEAVERDAM CK	FW																	
B-795	BIO	BUCKHORN CK	FW																	
B-186	S	MOUNTAIN CK	FW	28	0	0		*	76		D	76	-0.05	27	0	0		*	73	
BE-008	BIO	MOUNTAIN CK	FW																	
B-192	P	PRINCESS CK	FW	59	0	0		*	126		*	125		58	4	7	4.947	I	123	0.083
BE-015	S	ENOREE RVR	FW	30	1	3	2.3	I	80	0.11	D	79	-0.086	30	0	0		I	80	0.013
BE-035	S/BIO	BRUSHY CK	FW	27	0	0		*	75		D	74	-0.032	27	1	4	2.37	*	73	
BE-009	S/BIO	BRUSHY CK	FW	30	0	0		*	80		D	80	-0.02	30	0	0		*	80	
BE-007	S/BIO	ROCKY CK	FW	30	0	0		I	79	0.037	D	79	-0.071	30	0	0		*	79	
B-792	BIO	ABENERS CK	FW																	
BE-017	P	ENOREE RVR	FW	59	0	0		*	55		D	55	-0.5	59	0	0		I	55	0.083
BE-040	S	GILDER CK	FW	29	0	0		*	80		D	80	-0.033	29	0	0		*	79	
B-241	S	GILDER CK	FW	31	0	0		I	81	0.073	D	81	-0.15	31	0	0		I	80	0.022
B-793	BIO	HORSE PEN CK	FW																	
BE-020	S/BIO	GILDER CK	FW	31	0	0		I	80	0.1	D	79	-0.1	31	0	0		I	79	0.031
BE-018	S/BIO	ENOREE RVR	FW	29	0	0		I	76	0.067	D	74	-0.078	29	0	0		*	76	
BE-019	BIO	ENOREE RVR	FW																	
B-037	S	ENOREE RVR	FW	28	0	0		*	77		D	77	-0.038	28	0	0		D	77	-0.013
B-038	S	LICK CK	FW	30	0	0		I	77	0.05	D	77	-0.067	30	0	0		*	77	
B-035	S	DURBIN CK	FW	31	0	0		I	81	0.097	D	81	-0.117	31	0	0		*	80	
B-097	P	DURBIN CK	FW	59	0	0		I	126	0.02	D	125	-0.04	60	1	2	5.85	D	126	-0.02
BE-022	BIO	DURBIN CK	FW																	
B-040	BD	ENOREE RVR	FW	21	0	0								22	1	5	5.75			
03050108020																				
B-041	P	ENOREE RVR	FW	58	0	0		*	168		D	170	-0.038	59	1	2	5.95	D	166	-0.01
B-785	BIO	CEDAR SHOALS CK																		
B-053	BD	ENOREE RVR	FW	21	1	5	4.2							21	0	0				

ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION				TRENDS (92-99)			TRENDS (85-99)											
NUMBER	TYPE	WATERBODY NAME	CLASS	TP	N	MAG	TP	N	MAG	TN	N	MAG	TURB	N	MAG	TSS	N	MAG
03050108010																		
BE-001	P	ENOREE RVR	FW	*	84		*	167		*	158		*	172				
B-797	BIO	ENOREE RVR	FW															
BE-039	S	BEAVERDAM CK	FW	*	34		D	76	-0.03				D	77	-0.394			
B-796	BIO	BEAVERDAM CK	FW															
B-795	BIO	BUCKHORN CK	FW															
B-186	S	MOUNTAIN CK	FW	*	33		D	73	0.0				*	74				
BE-008	BIO	MOUNTAIN CK	FW															
B-192	P	PRINCESS CK	FW	*	81		*	119		*	61		*	125				
BE-015	S	ENOREE RVR	FW	*	37		D	77	-0.02				*	79				
BE-035	S/BIO	BRUSHY CK	FW	*	30		D	69	0.0				*	72				
BE-009	S/BIO	BRUSHY CK	FW	*	38		D	78	0.0				*	79				
BE-007	S/BIO	ROCKY CK	FW	*	37		D	77	-0.002				*	78				
B-792	BIO	ABENERS CK	FW															
BE-017	P	ENOREE RVR	FW	*	53		*	53		*	52		D	53	-3.95			
BE-040	S	GILDER CK	FW	*	37		D	77	-0.001				*	79				
B-241	S	GILDER CK	FW	*	35		D	76	-0.008				D	80	-0.325			
B-793	BIO	HORSE PEN CK	FW															
BE-020	S/BIO	GILDER CK	FW	*	31		D	73	-0.017				*	79				
BE-018	S/BIO	ENOREE RVR	FW	*	34		D	75	-0.017				*	73				
BE-019	BIO	ENOREE RVR	FW															
B-037	S	ENOREE RVR	FW				D	69	-0.016				*	75				
B-038	S	LICK CK	FW	*	33		D	73	-0.002				*	75				
B-035	S	DURBIN CK	FW	*	36		D	76	-0.011				D	80	-0.47			
B-097	P	DURBIN CK	FW	*	75		D	116	-0.006	*	71		*	125				
BE-022	BIO	DURBIN CK	FW															
B-040	BD	ENOREE RVR	FW															
03050108020																		
B-041	P	ENOREE RVR	FW	*	81		D	160	-0.007	D	155	-0.027	*	167				
B-785	BIO	CEDAR SHOALS CK																
B-053	BD	ENOREE RVR	FW															

ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION					GEO	BACT	BACT	BACT	MEAN	TRENDS (85-99)				NH3	NH3		CD	CD	CD	CD
NUMBER	TYPE	WATERBODY NAME	CLASS		MEAN	N	EXC.	%	EXC.	BACT	N	MAG		N	EXC.		N	EXC.	MED.	%
03050108010																				
BE-001	P	ENOREE RVR	FW		209	57	21	37	1,308	I	173	8.3		53	0		18	0	10	0
B-797	BIO	ENOREE RVR	FW																	
BE-039	S	BEAVERDAM CK	FW		468	28	18	64	1,103	I	78	24								
B-796	BIO	BEAVERDAM CK	FW																	
B-795	BIO	BUCKHORN CK	FW																	
B-186	S	MOUNTAIN CK	FW		853	27	15	56	3,891	I	74	22								
BE-008	BIO	MOUNTAIN CK	FW																	
B-192	P	PRINCESS CK	FW		86	59	19	32	1,601	I	126	13.5		57	0		19	0	10	0
BE-015	S	ENOREE RVR	FW		437	30	13	43	1,710	I	79	17.5								
BE-035	S/BIO	BRUSHY CK	FW		1,391	27	25	93	2,899	*	74									
BE-009	S/BIO	BRUSHY CK	FW		647	30	18	60	1,786	I	79	23								
BE-007	S/BIO	ROCKY CK	FW		428	30	12	40	1,839	*	78									
B-792	BIO	ABENERS CK	FW																	
BE-017	P	ENOREE RVR	FW		450	58	20	34	4,686	D	54	-35		58	0		19	0	10	0
BE-040	S	GILDER CK	FW		1,364	29	25	86	10,399	I	80	70								
B-241	S	GILDER CK	FW		653	31	25	81	1,360	I	81	47.1								
B-793	BIO	HORSE PEN CK	FW																	
BE-020	S/BIO	GILDER CK	FW		765	30	17	57	2,768	I	79	23.6								
BE-018	S/BIO	ENOREE RVR	FW		851	28	16	57	4,076	*	74									
BE-019	BIO	ENOREE RVR	FW																	
B-037	S	ENOREE RVR	FW		330	28	9	32	4,296	*	77									
B-038	S	LICK CK	FW		757	30	19	63	8,850	*	77									
B-035	S	DURBIN CK	FW		632	31	23	74	1,205	*	80									
B-097	P	DURBIN CK	FW		740	60	48	80	1,411	I	126	40		55	0		18	0	10	0
BE-022	BIO	DURBIN CK	FW																	
B-040	BD	ENOREE RVR	FW		242	22	3	14	687					20	0		7	0	10	0
03050108020																				
B-041	P	ENOREE RVR	FW		247	59	14	24	1,001	*	170			56	0		20	1	10	5
B-785	BIO	CEDAR SHOALS CK																		
B-053	BD	ENOREE RVR	FW		178	22	7	32	549					20	0		8	0	10	0

ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION NUMBER	TYPE	WATERBODY NAME	CLASS	CR N	CR EXC.	CR MED.	CR %	CU N	CU EXC.	CU %	PB N	PB EXC.	PB %	HG N	HG EXC.	HG MED.	HG %	NI N	NI EXC.	NI MED.	NI %	ZN N	ZN EXC.	ZN %
03050108010																								
BE-001	P	ENOREE RVR	FW	18	1	10	5.6	18	0	0	18	0	0	18	0	0.2	0	18	0	20	0	18	18	100
B-797	BIO	ENOREE RVR	FW																					
BE-039	S	BEAVERDAM CK	FW																					
B-796	BIO	BEAVERDAM CK	FW																					
B-795	BIO	BUCKHORN CK	FW																					
B-186	S	MOUNTAIN CK	FW																					
BE-008	BIO	MOUNTAIN CK	FW																					
B-192	P	PRINCESS CK	FW	19	0	10	0	19	0	0	19	1	5	19	0	0.2	0	19	0	20	0	19	3	16
BE-015	S	ENOREE RVR	FW																					
BE-035	S/BIO	BRUSHY CK	FW																					
BE-009	S/BIO	BRUSHY CK	FW																					
BE-007	S/BIO	ROCKY CK	FW																					
B-792	BIO	ABENERS CK	FW																					
BE-017	P	ENOREE RVR	FW	19	0	10	0	19	2	11	19	0	0	19	0	0.2	0	19	0	20	0	19	1	5
BE-040	S	GILDER CK	FW																					
B-241	S	GILDER CK	FW																					
B-793	BIO	HORSE PEN CK	FW																					
BE-020	S/BIO	GILDER CK	FW																					
BE-018	S/BIO	ENOREE RVR	FW																					
BE-019	BIO	ENOREE RVR	FW																					
B-037	S	ENOREE RVR	FW																					
B-038	S	LICK CK	FW																					
B-035	S	DURBIN CK	FW																					
B-097	P	DURBIN CK	FW	18	0	10	0	18	0	0	18	0	0	18	0	0.2	0	18	0	20	0	18	0	0
BE-022	BIO	DURBIN CK	FW																					
B-040	BD	ENOREE RVR	FW	7	0	10	0	7	1	14	7	0	0	8	0	0.2	0	7	0	20	0	7	0	0
03050108020																								
B-041	P	ENOREE RVR	FW	20	1	10	5	20	0	0	20	0	0	20	0	0.2	0	19	0	20	0	20	3	15
B-785	BIO	CEDAR SHOALS CK																						
B-053	BD	ENOREE RVR	FW	8	0	10	0	8	0	0	8	0	0	7	0	0.2	0	8	0	20	0	8	0	0

ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION				DO	DO	DO	MEAN	TRENDS (85 -99)						pH	pH	pH	MEAN	TRENDS (85-99)		
NUMBER	TYPE	WATERBODY NAME	CLASS	N	EXC.	%	EXC.	DO	N	MAG	BOD	N	MAG	N	EXC.	%	EXC.	PH	N	MAG
03050108030																				
B-246	BD/BIO	BEAVERDAM CK	FW	21	0	0								22	2	9	5.45			
B-150	BD	WARRIOR CK	FW	21	0	0								22	1	5	5.8			
B-742	BIO	WARRIOR CK	FW																	
03050108040																				
B-735	BD	DUNCAN CK RES. 6B	FW	10	0	0								10	2	20	7.3			
B-231	S	BEARDS FORK CK	FW	28	10	36	4.44	I	78	0.1	D	79	-0.145	29	0	0		D	78	-0.025
B-072	P/BIO	DUNCAN CK	FW	56	0	0		*	127		*	116		56	1	2	8.57	*	127	
03050108050																				
B-071	BIO	INDIAN CK	FW																	
B-799	BIO	KINGS CK	FW																	
B-054	P	ENOREE RVR	FW	57	0	0		D	172	-0.039	I	160	0.025	57	0	0		*	172	

ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION				TRENDS (92-99)			TRENDS (85-99)											
NUMBER	TYPE	WATERBODY NAME	CLASS	TP	N	MAG	TP	N	MAG	TN	N	MAG	TURB	N	MAG	TSS	N	MAG
03050108030																		
B-246	BD/BIO	BEAVERDAM CK	FW															
B-150	BD	WARRIOR CK	FW															
B-742	BIO	WARRIOR CK	FW															
03050108040																		
B-735	BD	DUNCAN CK RES. 6B	FW															
B-231	S	BEARDS FORK CK	FW	*	35		D	76	-0.006				D	78	-0.809			
B-072	P/BIO	DUNCAN CK	FW	*	74		D	112	-0.002	*	74		*	116				
03050108050																		
B-071	BIO	INDIAN CK	FW															
B-799	BIO	KINGS CK	FW															
B-054	P	ENOREE RVR	FW	*	79		*	161		*	158		I	159	0.75	*	148	

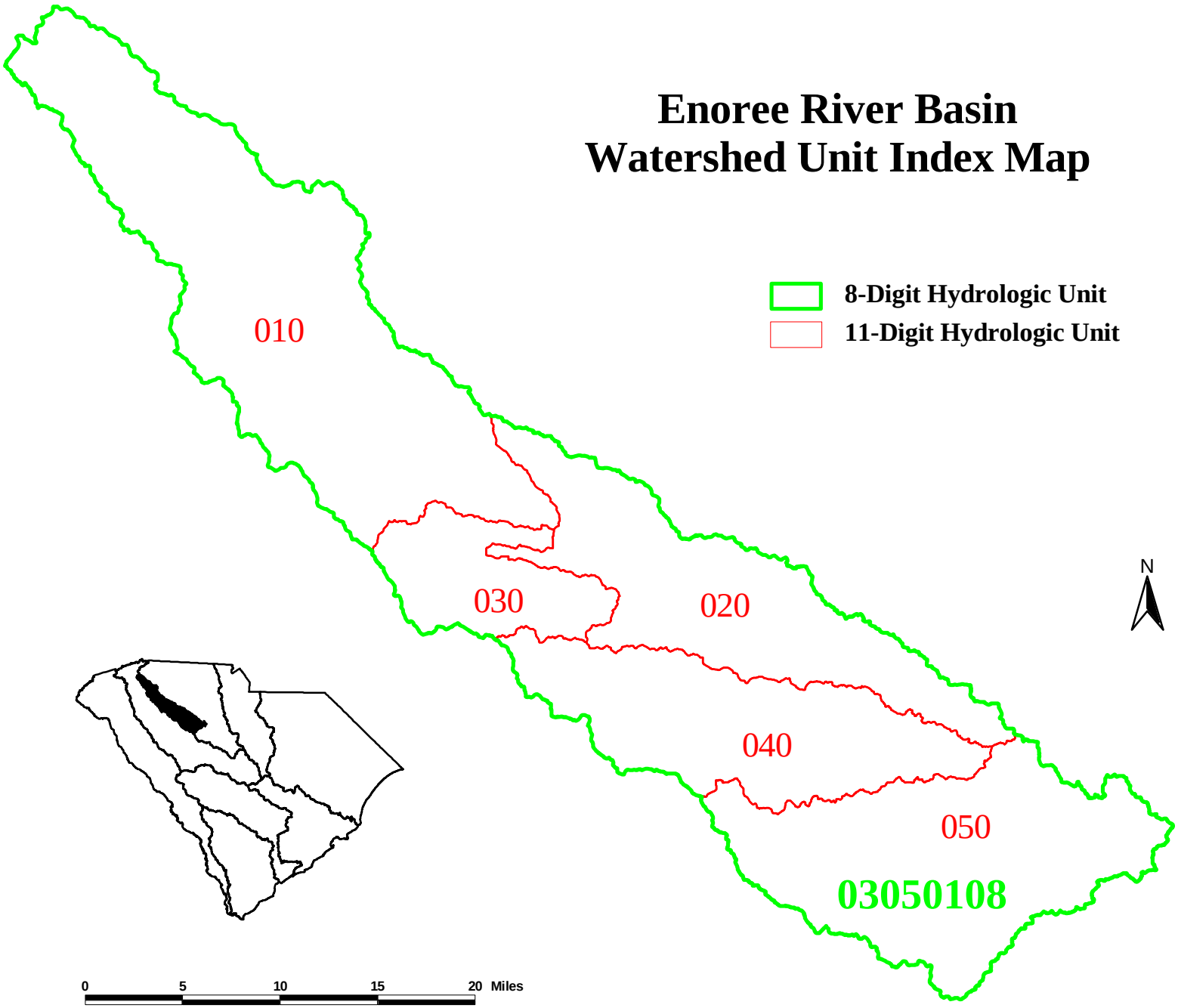
ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION					GEO	BACT	BACT	BACT	MEAN	TRENDS (85-99)				NH3	NH3		CD	CD	CD	CD
NUMBER	TYPE	WATERBODY NAME	CLASS		MEAN	N	EXC.	%	EXC.	BACT	N	MAG		N	EXC.		N	EXC.	MED.	%
03050108030																				
B-246	BD/BIO	BEAVERDAM CK	FW		519	22	14	64	1,244					22	0		8	0	10	0
B-150	BD	WARRIOR CK	FW		428	22	7	32	1,203					20	0		7	1	10	14
B-742	BIO	WARRIOR CK	FW																	
03050108040																				
B-735	BD	DUNCAN CK RES. 6B	FW		9	6	0	0						6	0					
B-231	S	BEARDS FORK CK	FW		104	29	3	10	2,320	I	77	3.3		1	0					
B-072	P/BIO	DUNCAN CK	FW		744	53	33	62	2,589	*	116			51	0		19	0	10	0
03050108050																				
B-071	BIO	INDIAN CK	FW																	
B-799	BIO	KINGS CK	FW																	
B-054	P	ENOREE RVR	FW		256	55	16	29	2,488	*	162			57	0		19	0	10	0

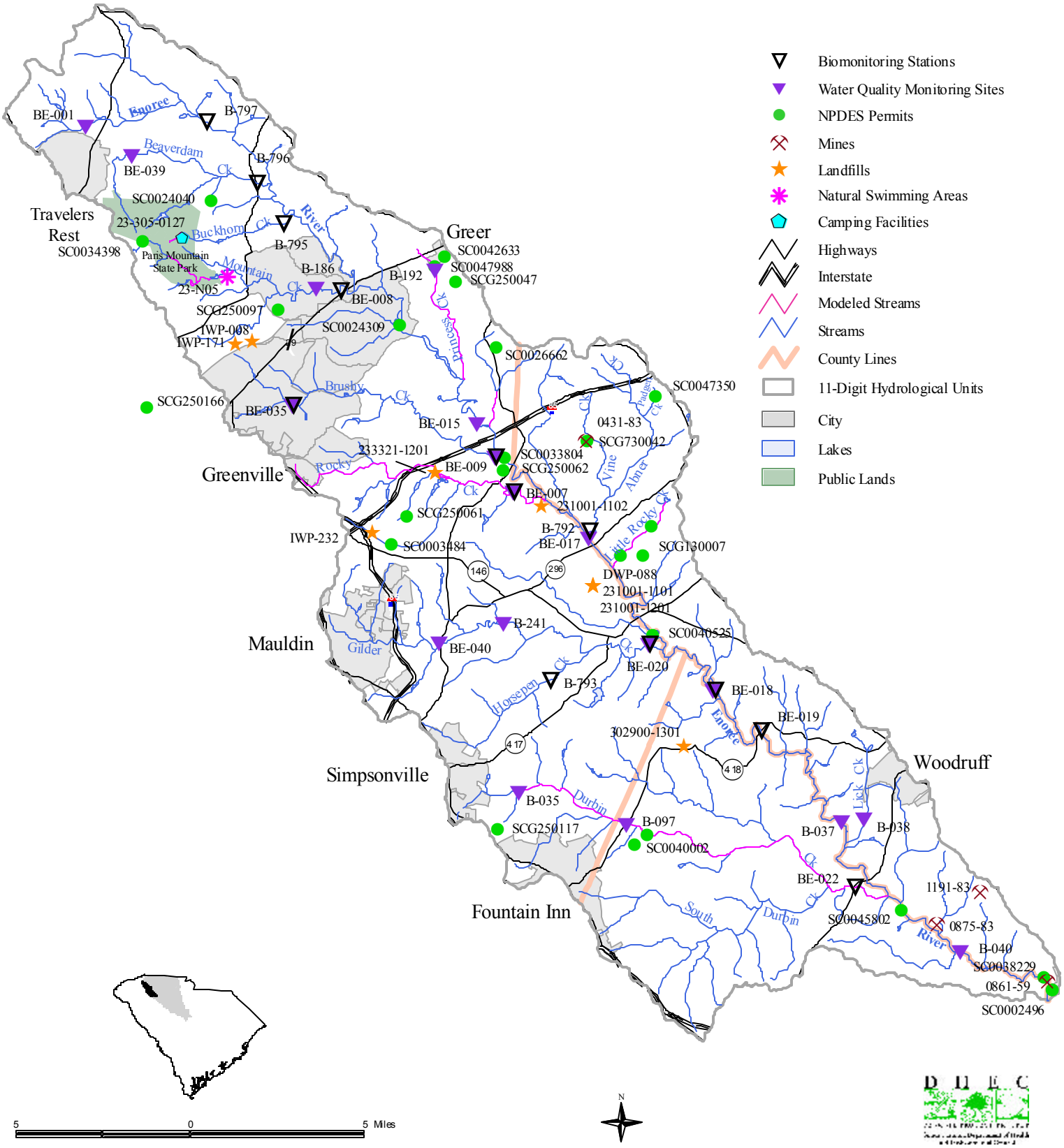
ENOREE RIVER BASIN WATER QUALITY SUMMARY

STATION				CR	CR	CR	CR	CU	CU	CU	PB	PB	PB	HG	HG	HG	HG	NI	NI	NI	NI	ZN	ZN	ZN
NUMBER	TYPE	WATERBODY NAME	CLASS	N	EXC.	MED.	%	N	EXC.	%	N	EXC.	%	N	EXC.	MED.	%	N	EXC.	MED.	%	N	EXC.	%
03050108030																								
B-246	BD/BIO	BEAVERDAM CK	FW	8	0	10	0	8	0	0	8	0	0	8	0	0.2	0	8	0	20	0	8	0	0
B-150	BD	WARRIOR CK	FW	7	1	10	14	7	1	14	7	0	0	6	0	0.2	0	7	0	20	0	7	1	14
B-742	BIO	WARRIOR CK	FW																					
03050108040																								
B-735	BD	DUNCAN CK RES. 6B	FW																					
B-231	S	BEARDS FORK CK	FW																					
B-072	P/BIO	DUNCAN CK	FW	19	1	10	5.3	19	0	0	19	0	0	18	0	0.2	0	19	0	20	0	19	1	5
03050108050																								
B-071	BIO	INDIAN CK	FW																					
B-799	BIO	KINGS CK	FW																					
B-054	P	ENOREE RVR	FW	19	2	10	11	19	0	0	19	0	0	19	0	0.2	0	19	0	20	0	19	0	0

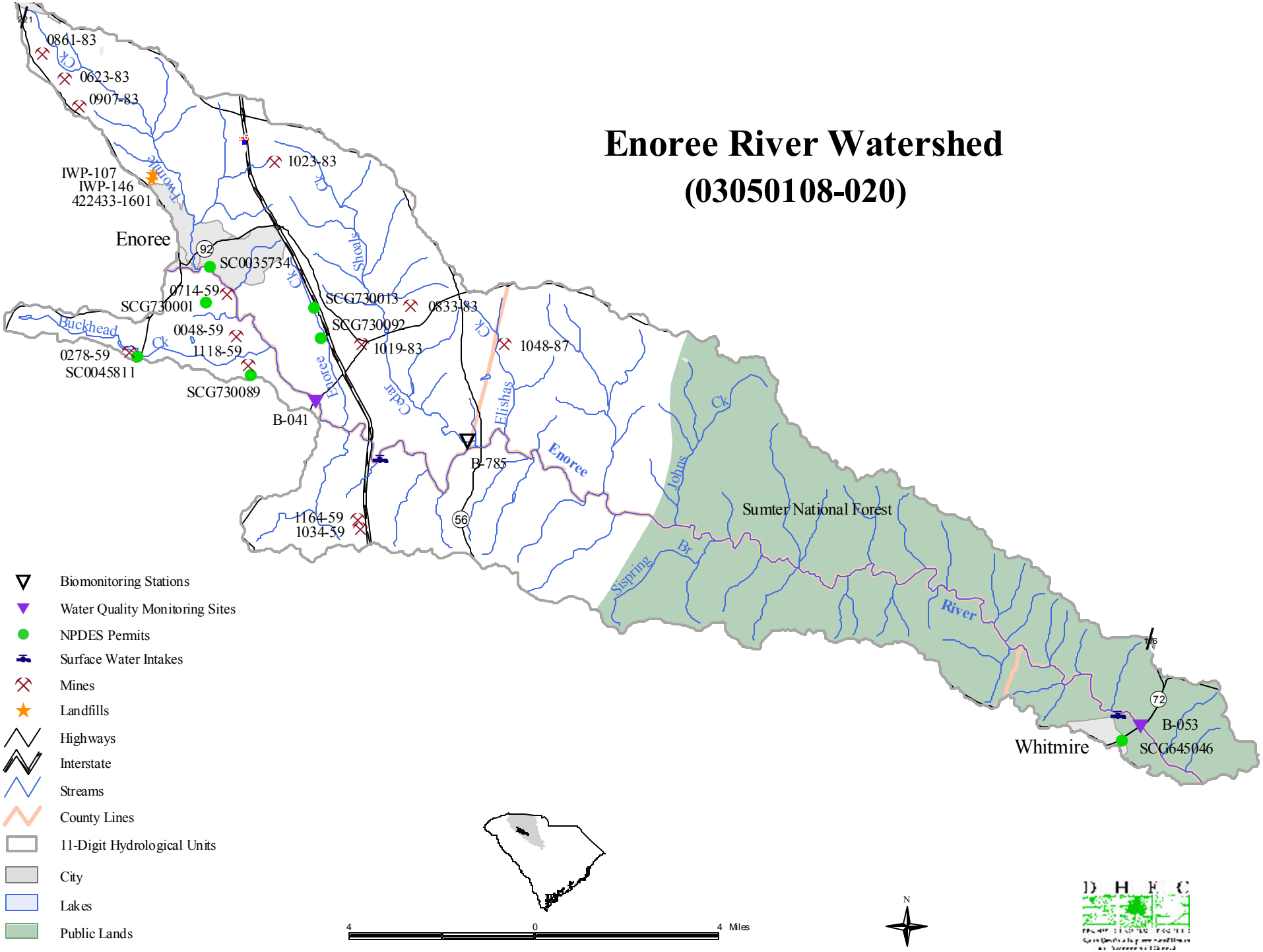
Enoree River Basin
Watershed Unit Index Map



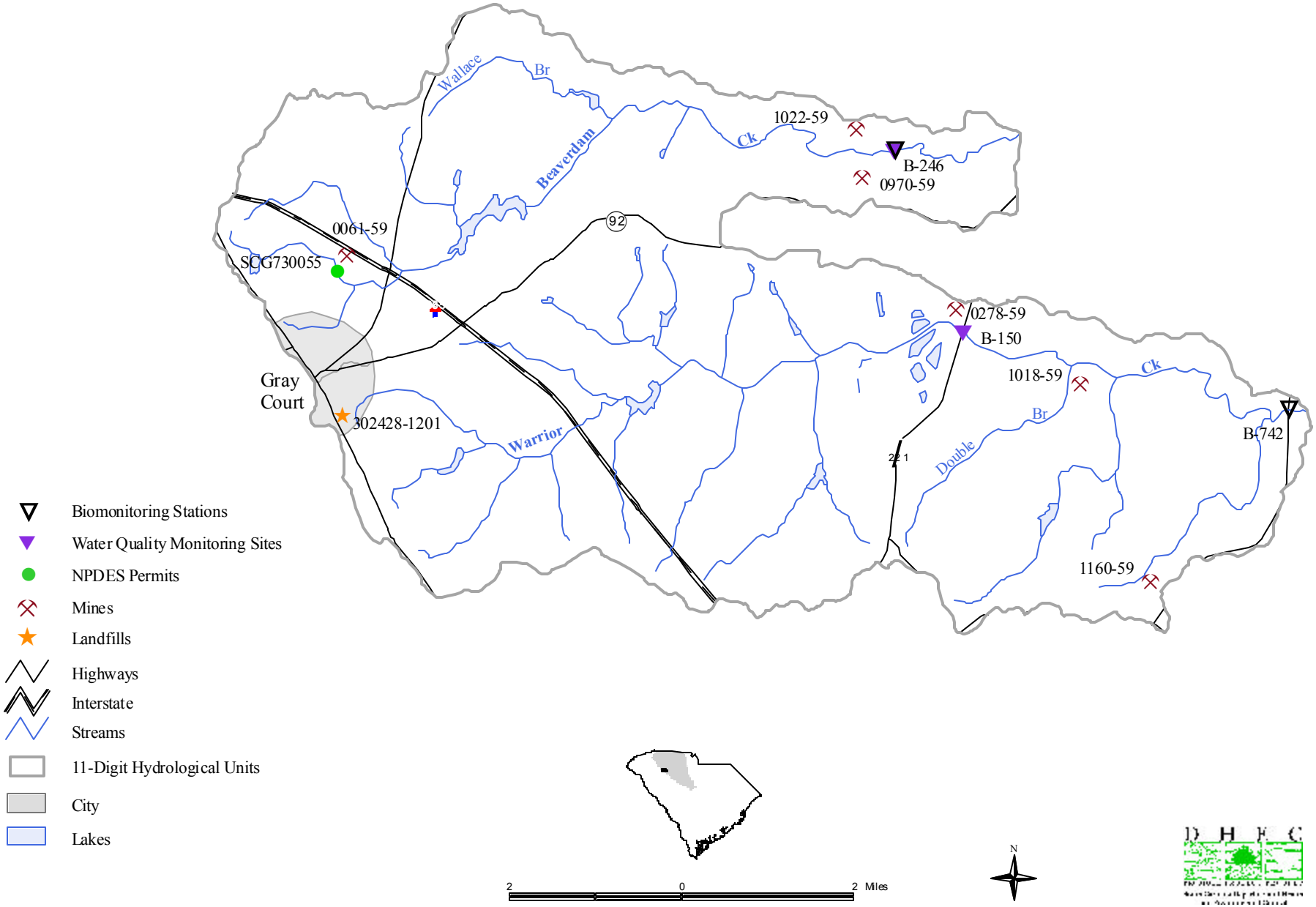
Enoree River Watershed
(03050108-010)



Enoree River Watershed
(03050108-020)

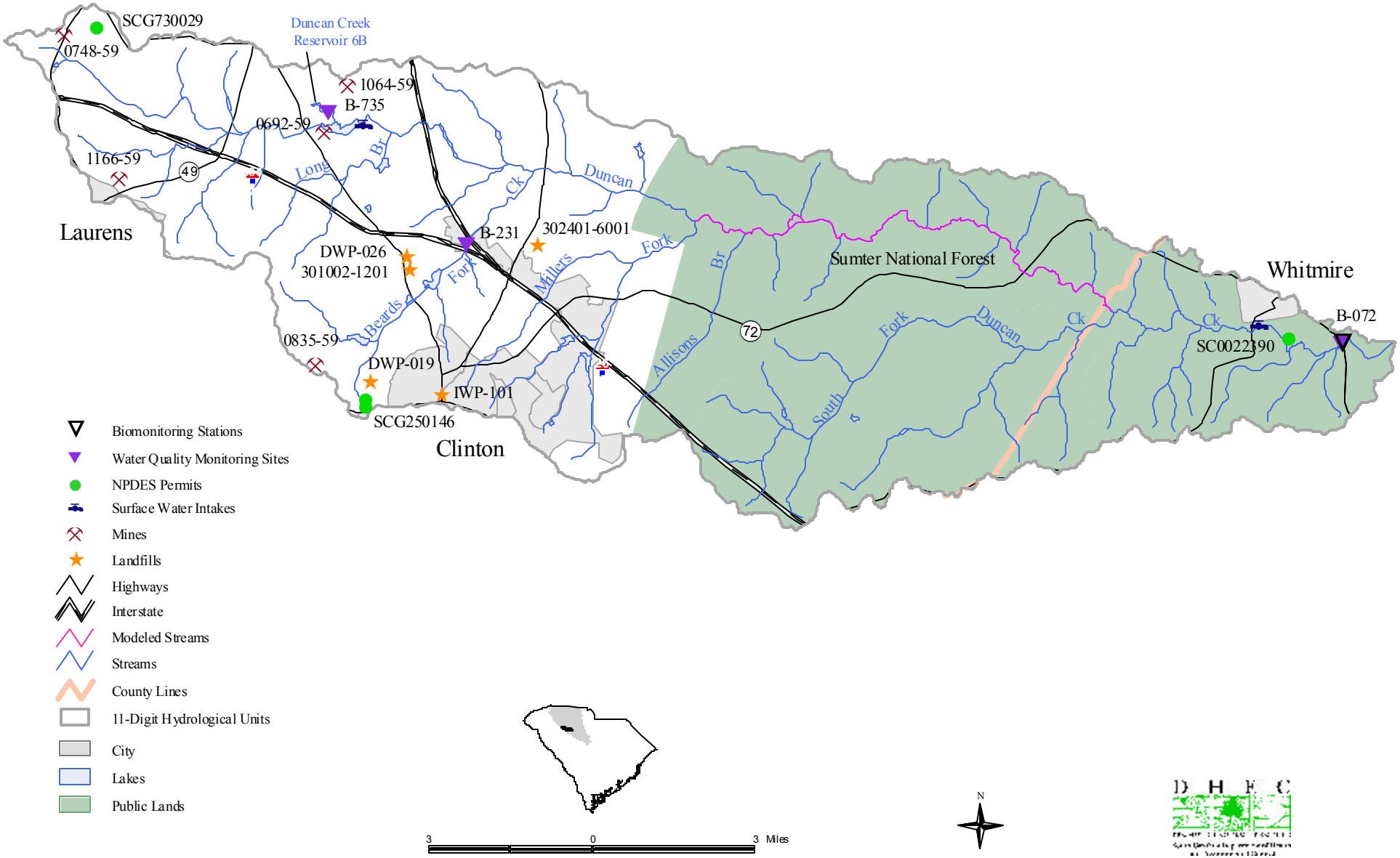
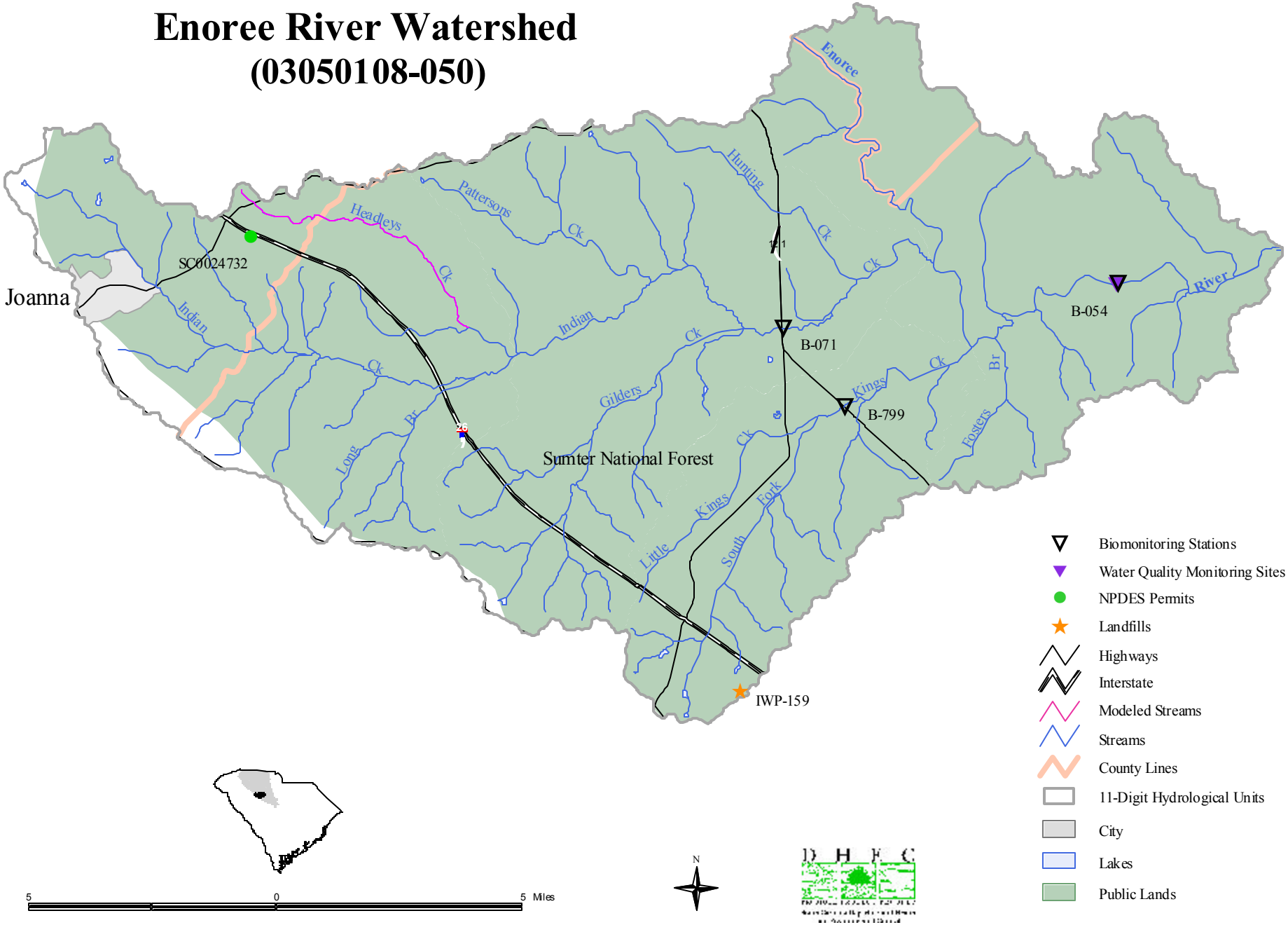


Beaverdam Creek/Warrior Creek Watershed
(03050108-030)



Duncan Creek Watershed

(03050108-040)



Enoree River Watershed
(03050108-050)