

APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0101	0102	0103	0104	0201
Bare Rock/Sand/Clay	1,578	984	2,690	298	10
Deciduous Forest	17,730	9,561	14,229	7,636	4,827
Developed Open Space	2,649	2,273	1,831	927	981
Emergent Herbaceous Wetlands					
Evergreen Forest	1,990	1,091	2,902	1,048	1,111
Grassland/Herbaceous	1,173	660	981	336	267
High Intensity Development	15	8	18		4
Low Intensity Development	503	483	109	78	186
Medium Intensity Development	64	155	44	3	48
Mixed Forest	1,172	877	1,134	631	423
Open Water	5,242	4,761	9,233	692	802
Pasture/Hay	13,468	8,237	9,299	5,178	8,967
Row Crops	363	62	101	45	239
Shrub/Scrub	1,220	501	902	289	333
Woody Wetlands	140	31	7	13	18
Total	47,307	29,684	43,480	17,174	18,216

Table A4-1a.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0202	0203	0204	0205	0301
Bare Rock/Sand/Clay	7	29	16	9	
Deciduous Forest	15,605	11,057	13,492	7,197	6,934
Developed Open Space	1,866	2,104	2,372	1,395	
Emergent Herbaceous Wetlands					
Evergreen Forest	1,339	1,795	2,525	1,973	4,869
Grassland/Herbaceous	284	416	376	299	
High Intensity Development	4	20	57	1	
Low Intensity Development	346	586	654	179	
Medium Intensity Development	51	122	279	7	
Mixed Forest	745	1,117	1,402	888	664
Open Water	4		880	14	
Pasture/Hay	9,296	12,816	8,860	5,649	
Row Crops	212	159	510	28	
Shrub/Scrub	225	261	451	309	8
Woody Wetlands	64	18	22	16	
Total	30,048	30,500	31,896	17,964	12,475

Table A4-1b.

AND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0302	0303	0304	0305	0306
Bare Rock/Sand/Clay	1	2	3	2	12
Deciduous Forest	8,327	16,117	8,812	6,387	25,146
Developed Open Space	4	1,050	659	967	2,120
Emergent Herbaceous Wetlands					
Evergreen Forest	2,577	1,703	1,035	1,057	6,837
Grassland/Herbaceous		114	7	62	357
High Intensity Development					
Low Intensity Development		47	35	22	149
Medium Intensity Development		7	2	11	16
Mixed Forest	547	1,689	789	190	4,288
Open Water					
Pasture/Hay		3,297	80	672	5,145
Row Crops	6	32	1	4	52
Shrub/Scrub	48	142	15	72	378
Woody Wetlands		28		1	87
Total	11,510	24,228	11,438	10,447	44,587

Table A4-1c.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0307	0308	0309	0310	0311
Bare Rock/Sand/Clay	5				1
Deciduous Forest	22,535	2,852	1,423	3,734	4,208
Developed Open Space	2,697	59	85	164	575
Emergent Herbaceous Wetlands					
Evergreen Forest	5,283	252	71	350	314
Grassland/Herbaceous	22	1		2	16
High Intensity Development	217	5	6	6	2
Low Intensity Development	459	10	17	29	69
Medium Intensity Development	420	14	19	19	36
Mixed Forest	1,848	153	91	289	425
Open Water					
Pasture/Hay	223		1	2	44
Row Crops	6				1
Shrub/Scrub	234	1	1	3	10
Woody Wetlands	32				
Total	33,981	3,347	1,714	4,595	5,701

Table A4-1d.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)			
	0312	0313	0314	0315
Bare Rock/Sand/Clay	13	5	11	22
Deciduous Forest	25,459	1,809	3,886	10,670
Developed Open Space	2,963	920	1,059	1,504
Emergent Herbaceous Wetlands				
Evergreen Forest	3,730	272	757	2,315
Grassland/Herbaceous	170	57	127	293
High Intensity Development	15	143	39	76
Low Intensity Development	385	545	317	625
Medium Intensity Development	92	336	196	257
Mixed Forest	3,616	207	560	1,033
Open Water	3	8		52
Pasture/Hay	4,280	1,579	2,629	5,177
Row Crops	70	80	39	197
Shrub/Scrub	248	63	120	338
Woody Wetlands	56	20	6	24
Total	41,100	6,044	9,746	22,583

Table A4-1e.

Tables A4-1a-e. Land Use Distribution in the Lower French Broad River Watershed by HUC-12. Data are from 2001 Multi-Resolution Land Characterization (MRLC) derived by applying a generalized Anderson Level II system to mosaics of Landsat thematic mapper images collected every five years.

HYDROLOGIC SOIL GROUPS
GROUP A SOILS have low runoff potential and high infiltration rates even when wet. They consist chiefly of sand and gravel and are well to excessively drained.
GROUP B SOILS have moderate infiltration rates when wet and consist chiefly of soils that are moderately deep to deep, moderately to well drained, and moderately coarse to coarse textures.
GROUP C SOILS have low infiltration rates when wet and consist chiefly of soils having a layer that impedes downward movement of water with moderately fine to fine texture.
GROUP D SOILS have high runoff potential, very low infiltration rates, and consist chiefly of clay soils.

Table A4-2. Hydrologic Soil Groups in Tennessee as Described in WCS. Soils are grouped into four hydrologic soil groups that describe a soil's permeability and, therefore, its susceptibility to runoff.

STATION	LOCATION	HUC 12	AREA (SQ MILES)	LOW FLOW (CFS)		
				1Q10	7Q10	3Q20
03469000	French Broad River	060101070201	4,543.00		992.0000	696.0000
03469010	Millican Creek	060101070201	4.20			0.0000
03470500	French Broad River	060101070204				
03469500	West Prong Little Pigeon River	060101070307	76.20			
03469175	Little Pigeon River	060101070315				
03470000	Little Pigeon River	060101070315	353.00	31.9650	43.2060	32.1240

Table A4-3. United States Geological Survey Continuous Record Gaging Stations in the Lower French Broad River Watershed. Additional information may be found at: <http://water.usgs.gov/osw/streamstats/>

AGENCY	STATION	LOCATION	HUC_12
USEPA	471000	French Broad River	060101070101
USEPA	471101	Douglas Lake	060101070101
TVA	475083	French Broad River @ RM 60.8	060101070101
TVA	475084	French Broad River @ RM 64.2	060101070101
TVA	475085	French Broad River @ RM 71.4	060101070101
TVA	475974	French Broad River @ RM 55.0	060101070101
TVA	475993	French Broad River @ RM 60.7	060101070101
TVA	475994	French Broad River @ RM 67.0	060101070101
TVA	476015	French Broad River @ RM 65.52	060101070101
TVA	476378	French Broad River @ RM 61.3	060101070101
TVA	477178	French Broad River @ RM 58.0	060101070101
TVA	477249	French Broad River @ RM 64.0	060101070101
TVA	477422	French Broad River @ RM 60.0	060101070101
TVA	477423	French Broad River @ RM 66.0	060101070101
TVA	477424	French Broad River @ RM 68	060101070101
TVA	477425	French Broad River @ RM 67.9	060101070101
TVA	477426	French Broad River @ RM 69.5	060101070101
TVA	477427	French Broad River @ RM 70.0	060101070101
TVA	477529	French Broad River @ RM 57.0	060101070101
TVA	477530	French Broad River @ RM 59.0	060101070101
TVA	477531	French Broad River @ RM 61.0	060101070101
TVA	477543	French Broad River @ RM 56.1	060101070101
TVA	477593	French Broad River @ RM 55.0	060101070101
TVA	477613	French Broad River @ RM 56.0	060101070101
TDEC	CLAY002.9CO	Clay Creek	060101070101
TDEC	LEADV001.2JE	Leadvale Creek	060101070101
TDEC	LEADV001.4JE	Leadvale Creek	060101070101
TDEC	TISSUE46	French Broad River @ RM 60.0	060101070101
USEPA	471102	Douglas Reservoir	060101070102
USEPA	471103	Douglas Reservoir	060101070102
TVA	475082	French Broad River @ RM 54.0	060101070102
TVA	475985	French Broad River @ RM 54.3	060101070102
TVA	475992	French Broad River @ RM 49.8	060101070102
TVA	476377	French Broad River @ RM 52.0	060101070102
TVA	476919	French Broad River @ RM 45.1	060101070102
TVA	476920	French Broad River @ RM 54.1	060101070102
TVA	477082	French Broad River @ RM 45.28	060101070102
TVA	477105	French Broad River @ RM 50.6	060101070102
TVA	477106	French Broad River @ RM 54.4	060101070102
TVA	477510	French Broad River @ RM 51.0	060101070102
TVA	477516	French Broad River @ RM 50.0	060101070102
TVA	477527	French Broad River @ RM 49.0	060101070102
TVA	477528	French Broad River @ RM 53.0	060101070102
TVA	477542	French Broad River @ RM 53.1	060101070102
TVA	477546	French Broad River @ RM 46.6	060101070102
TVA	477592	French Broad River @ RM 44.8L	060101070102

Table A4-4a.

AGENCY	STATION	LOCATION	HUC 12
TVA	360194	Flat Creek @ RM 2.7	060101070103
TVA	360195	Flat Creek @ RM 0.8	060101070103
USEPA	471104	Douglas Reservoir	060101070103
USEPA	471105	Douglas Reservoir	060101070103
USEPA	471106	Douglas Reservoir	060101070103
TVA	475081	French Broad River @ RM 33.0	060101070103
TVA	475439	French Broad River @ RM 45.1	060101070103
TVA	475447	Clear Creek @ RM 2.75	060101070103
TVA	475473	French Broad River @ RM 43.0	060101070103
TVA	475991	French Broad River @ RM 39.0	060101070103
TVA	476000	Clear Creek @ RM 2.0	060101070103
TVA	476375	French Broad River @ RM 43.3	060101070103
TVA	476376	French Broad River @ RM 34.6	060101070103
TVA	476446	French Broad River @ RM 32.33	060101070103
TVA	477032	French Broad River @ RM 40.5	060101070103
TVA	477033	French Broad River @ RM 33.5	060101070103
TVA	477034	French Broad River @ RM 32.4	060101070103
TVA	477044	Flat Creek @ RM 1.0	060101070103
TVA	477068	French Broad River @ RM 35.0	060101070103
TVA	477069	French Broad River @ RM 42.0	060101070103
TVA	477103	French Broad River @ RM 37.6	060101070103
TVA	477104	French Broad River @ RM 45.0	060101070103
TVA	477248	French Broad River @ RM 38.0	060101070103
TVA	477515	French Broad River @ RM 36.0	060101070103
TVA	477517	Muddy Creek @ RM 1.0	060101070103
TVA	477518	Muddy Creek @ RM 4.5	060101070103
TVA	477526	French Broad River @ RM 32.45	060101070103
TVA	477544	Muddy Creek @ RM 1.75	060101070103
TVA	477545	Muddy Creek @ RM 3.0	060101070103
TVA	477591	Flat Creek @ RM 0.8L	060101070103
TVA	477612	Flat Creek @ RM 3.1	060101070103
TVA	477621	French Broad River @ RM 34.0	060101070103
TVA	477636	French Broad River @ RM 41.5	060101070103
TVA	477667	French Broad River @ RM 32.80	060101070103
TVA	477672	French Broad River @ RM 34.5	060101070103
TDEC	CLEAR001.3JE	Clear Creek @ RM 1.3	060101070103
TDEC	CLEAR002.7JE	Clear Creek @ RM 2.73	060101070103
TDEC	CLEAR003.6JE	Clear Creek @ RM 3.6	060101070103
TVA	DOUGLAS90	Douglas Reservoir	060101070103
TVA	DOUGLAS92	Douglas Reservoir	060101070103
TVA	DOUGLAS93	Douglas Reservoir	060101070103
TDEC	TISSUE45	French Broad River @ RM 40.0	060101070103
TVA	477514	Flat Creek @ RM 6.0	060101070104
TVA	477610	Flat Creek @ RM 4.8	060101070104
TVA	477611	Flat Creek @ RM 5.2	060101070104
TDEC	ECO67G10	Flat Creek	060101070104
TVA	475088	French Broad River @ RM 32.3	060101070201

Table A4-4b.

AGENCY	STATION	LOCATION	HUC 12
TVA	476016	French Broad River @ RM 31.75	060101070201
TVA	476057	French Broad River @ RM 22.0	060101070201
TVA	476398	French Broad River @ RM 28.7	060101070201
TVA	476400	French Broad River @ RM 32.2	060101070201
TVA	476403	French Broad River @ RM 17.3	060101070201
TVA	476404	French Broad River @ RM 28.70	060101070201
TVA	476918	French Broad River @ RM 33.04	060101070201
TVA	477035	French Broad River @ RM 32.0	060101070201
TVA	477036	French Broad River @ RM 31.0	060101070201
TVA	477037	French Broad River @ RM 30.0	060101070201
TVA	477038	French Broad River @ RM 29.0	060101070201
TVA	477039	French Broad River @ RM 28.0	060101070201
TVA	477040	French Broad River @ RM 27.0	060101070201
TVA	477041	French Broad River @ RM 26.0	060101070201
TVA	477042	French Broad River @ RM 25.0	060101070201
TVA	477264	French Broad River @ RM 31.2	060101070201
TVA	477265	French Broad River @ RM 30.2	060101070201
TVA	477266	French Broad River @ RM 29.2	060101070201
TVA	477267	French Broad River @ RM28.2	060101070201
TVA	477268	French Broad River @ RM 27.2	060101070201
TVA	477666	French Broad River @ RM 31.5	060101070201
TVA	475088C	French Broad River @ RM 32.3	060101070201
TVA	475088CU1	French Broad River @ RM 32.3	060101070201
TVA	475088CU2	French Broad River @ RM 32.3	060101070201
TVA	475088CU3	French Broad River @ RM 32.3	060101070201
TVA	475088CU4	French Broad River @ RM 32.3	060101070201
TVA	476400C	French Broad River @ RM 32.2	060101070201
TDEC	BOYDS003.7SV	Boyds Creek @ RM 3.7	060101070202
TVA	475470	Dumplin Creek @ RM 1.77	060101070203
TVA	477467	French Broad River @ RM 28.1	060101070203
TDEC	DUMPL000.8SV	Dumplin Creek @ RM 0.8	060101070203
TDEC	1390	French Broad River	060101070204
TVA	475471	French Broad River @ RM 3.82	060101070204
TVA	475612	French Broad River @ RM 0.4	060101070204
TVA	476109	French Broad River @ RM 16.4	060101070204
TVA	476395	French Broad River @ RM 0.1	060101070204
TVA	476396	French Broad River @ RM 9.8	060101070204
TVA	476401	French Broad River @ RM 0.1	060101070204
TVA	476402	French Broad River @ RM 9.8	060101070204
TVA	476405	French Broad River @ RM 1.0	060101070204
TVA	476983	French Broad River @ RM 0.3	060101070204
TVA	477464	French Broad River @ RM 7.6	060101070204
TVA	477465	French Broad River @ RM16.0	060101070204
TDEC	FRENCHBRD003.8	French Broad River	060101070204
TDEC	ECO66G04	Middle Prong Little Pigeon River	060101070301
EPA Environmental Resource Lab	2A07811L	Falson Gap Prong	060101070302

Table A4-4c.

AGENCY	STATION	LOCATION	HUC 12
EPA Environmental Resource Lab	2A07811U	Falson Gap Prong	060101070302
TVA	475468	Little Pigeon River @ RM 11.63	060101070303
TVA	476050	Little Pigeon River @ RM 21.5	060101070303
TDEC	LPIGEONIS18	Walden Creek @ RM 3.4	060101070303
TDEC	LPIGEONIS20	Little Pigeon River @ RM 25.5	060101070303
TDEC	LPIGEONIS21	Little Pigeon River @ RM 16.0	060101070303
TDEC	WEBB000.0SV	Webb Creek	060101070303
TDEC	LPIGEONIS14	Norton Branch	060101070304
TDEC	LPIGEONIS22	Webb Creek @ RM 3.6	060101070304
TDEC	LPIGEONIS24	Webb Creek @ RM 2.3	060101070304
EPA National Aquatic Resource Survey	OWW04440-0110	Webb Creek	060101070304
TDEC	BIRD001.3SV	Bird Creek	060101070305
TVA	475461	East Fork Little Pigeon River @ RM 1.98	060101070306
TDEC	DUNN000.5SV	Dunn Creek	060101070306
TDEC	DUNN007.8SV	Dunn Creek	060101070306
TVA	475463	West Prong Little Pigeon River @ RM 20.66	060101070307
TVA	475464	West Prong Little Pigeon River @ RM 18.89	060101070307
TVA	475465	West Prong Little Pigeon River @ RM 16.17	060101070307
TVA	475466	West Prong Little Pigeon River @ RM 9.20	060101070307
TVA	475504	West Prong Little Pigeon River @ RM 13.0	060101070307
TVA	475505	West Prong Little Pigeon River @ RM 10.62	060101070307
TVA	475995	West Prong Little Pigeon River @ RM 12.2	060101070307
TDEC	LPIGEONIS10	West Prong Little Pigeon River @ RM 21.9	060101070307
TDEC	LPIGEONIS11	West Prong Little Pigeon River @ RM 16.4	060101070307
TDEC	LPIGEONIS13	West Prong Little Pigeon River @ RM 16.35	060101070307
TDEC	WPLPI008.7SV	West Prong Little Pigeon River @ RM 8.7	060101070307
TDEC	DUDLE003.3SR	Dudley Creek @ RM 3.3	060101070311
TDEC	DUDLE003.5SR	Dudley Creek @ RM 3.5	060101070311
TVA	475462	Walden Creek @ RM 0.53	060101070312
TDEC	COVE001.4SV	Cove Creek @ RM 1.4	060101070312
TDEC	COVE007.9SV	Cove Creek @ RM 7.9	060101070312
TVA	475467	West Prong Little Pigeon River @ RM 2.62	060101070313
TVA	475506	West Prong Little Pigeon River @ RM 0.2	060101070313
TDEC	LPIGEONIS19	Walden Creek	060101070313

Table A4-4d.

AGENCY	STATION	LOCATION	HUC 12
EPA National Aquatic Resource Survey	OWW04440-0238	Middle Creek	060101070314
TVA	475469	Little Pigeon River @ RM 0.55	060101070315
TVA	475509	Little Pigeon River @ RM 4.5	060101070315
TVA	475510	Little Pigeon River @ RM 5.25	060101070315
TVA	476399	Little Pigeon River @ RM 0.70	060101070315
TDEC	GISTS000.5SV	Gist Creek	060101070315
TDEC	GISTS003.2SV	Gist Creek	060101070315
TDEC	LPIGE000.7SV	Little Pigeon River @ RM 0.7	060101070315
TDEC	LPIGE006.6SV	Little Pigeon River @ RM 6.6	060101070315

Table A4-4e.

Tables A4-4a-e. STORET Water Quality Monitoring Stations in the Lower French Broad River Watershed.. TDEC, Tennessee Department of Environment and Conservation; TVA, Tennessee Valley Authority; USEPA, United States Environmental Protection Agency.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS03.371	Jefferson	Boat Launch Ramp Construction	French Broad River	060101070101
NRS05.148	Cocke	Maintenance	Clay Creek	060101070101
NR0603.118	Jefferson	Utility Line Crossings	UT to Seahorne Creek	060101070102
NR06MS.010	Jefferson	Stream Restoration	Goose Creek	060101070103
NR0703.066	Jefferson	Water Line Extension	Patterson Branch	060101070103
NR0703.067	Jefferson	Water Line Extension	Goose Creek & UT to Goose Creek	060101070103
NRS02.260	Jefferson	State Industrial Access Road	UT to Clear Creek	060101070103
NRS03.134	Jefferson	Utility Line Crossings	Shadden Creek	060101070103
NR0603.145	Sevier	Construction and Removal of Minor Road Crossings	Flat Creek	060101070104
NR0603.146	Sevier	Utility Line Crossings	Flat Creek	060101070104
NR0603.168	Sevier	Culvert Installation	Hettie Creek	060101070104
NR0703.020	Sevier	Construction and Removal of Minor Road Crossings	Hettie Creek	060101070104
NRS04.272	Sevier	Culvert Extension	Hettie Creek	060101070104
NRS05.481	Sevier	Bridge Replacement	Flatt Creek	060101070104
NR0603.066	Sevier	Bank Stabilization	French Broad River	060101070201
NR0603.072	Sevier	River Crossings	French Broad River	060101070201
NR0603.082	Sevier	Bank Stabilization	French Broad River	060101070201
NR0603.159	Sevier	Bank Stabilization	French Broad River	060101070201
NRS04.356	Sevier	Water Withdrawal	French Broad River	060101070201
NRS06.029	Sevier	Bank Stabilization	French Broad River	060101070201
NRS06.139	Sevier	Bank Stabilization	French Broad River	060101070201
NR0603.204	Sevier	Stream Determination	Boyds Creek	060101070202
NR0603.230	Sevier	Outfall Structure	Boyds Creek	060101070202
NRS03.363	Sevier	Bridge Repair	Knob Creek	060101070202
NRS03.398	Sevier	Sewer Line Crossing	Boyds Creek	060101070202
NR0603.102	Jefferson	Water Line Crossing	Dumplin Creek	060101070203
NR0703.050	Jefferson	Water Line Crossing	Dumplin Creek	060101070203
NRS03.217	Jefferson	Bridges and Approaches	Dumplin Creek	060101070203
NRS05.441	Jefferson	Sediment Removal	Dumplin Creek	060101070203
NR0603.141	Knox	Alteration to WWC	UT to McCall Branch	060101070204
NR0703.087	Knox	Culvert Replacement	UT to Sixmile Branch	060101070204
NR0703.105	Knox	Culvert Replacement	UT to Sixmile Branch	060101070204
NRS05.267	Knox	Cattle Crossing	Hines Creek	060101070204
NRS05.267B	Knox	Bank Stabilization	Hines Creek	060101070204
NRS06.281	Knox	Bridges and Approaches	French Broad River	060101070204
NR0703.001	Knox	Sediment Removal	Tuckhahoe Creek	060101070205
NRS05.446	Knox	Utility Line Crossings	Beaver Creek	060101070205
NR0603.107	Sevier	Construction and Removal of Minor Road Crossings	UT to Bird Creek	060101070305
NR0603.126	Sevier	Culvert Extension	Unnamed Stream to Powdermill Creek	060101070305
NRS00.239	Sevier	Impoundment Repair	Big Ridge Branch	060101070305

Table A4-5a.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS05.321	Sevier	Stream Relocation	West Prong Bird Creek	060101070305
NRS05.321B	Sevier	Minor Alterations to Wetlands	West Prong Bird Creek/Wetland	060101070305
NR0703.009	Sevier	Construction and Removal of Minor Road Crossings	Dockery Branch	060101070306
NRS05.310	Sevier	Bridges and Approaches	Wilhite Creek	060101070306
NR0603.089	Sevier	Construction and Removal of Minor Road Crossings and Utility Line Crossings	UT to Norton Creek & Caney Creek	060101070307
NR0603.112	Sevier	Utility Line Crossings	UT to Norton Creek & Caney Creek	060101070307
NR0603.165	Sevier	Maintenance	West Prong Little Pigeon River	060101070307
NR0603.195	Sevier	Utility Line Crossings	King Branch	060101070307
NRS03.364	Sevier	Culvert Installation	West Prong Little Pigeon River	060101070307
NRS04.098	Sevier	Installation and Replacement of Raw Water Intake	West Prong Little Pigeon River	060101070307
NRS06.083	Sevier	Rehabilitation of Foothills Parkway	West Fork of the Little Pigeon River	060101070307
NRS05.248	Sevier	Bridges and Approaches	Roaring Fork Creek	060101070310
NRS00.364B	Sevier	SR 73 Upgrade and Expansion	Dudley Creek	060101070311
NR0603.007	Sevier	Construction and Removal of Minor Road Crossings	UT to Mill Creek	060101070312
NR0603.010	Sevier	Culvert Installation	Walden Creek & Lost Branch	060101070312
NR0603.039	Sevier	Construction and Removal of Minor Road Crossings	Compton Branch	060101070312
NR0603.068	Sevier	Construction and Removal of Minor Road Crossings	UT to Mill Creek	060101070312
NR0603.069	Sevier	Construction and Removal of Minor Road Crossings	UT to Mill Creek	060101070312
NR0603.070	Sevier	Construction and Removal of Minor Road Crossings	UT to Mill Creek	060101070312
NR0603.088	Sevier	Construction and Removal of Minor Road Crossings	UT to Walden Creek	060101070312
NR0603.098	Sevier	Culvert Replacement	Clear Fork Creek	060101070312
NR0603.136	Sevier	Culvert Installation	UT to Laurel Creek	060101070312
NR0603.170	Sevier	Bank Stabilization	Walden Creek	060101070312
NR0603.206	Sevier	Culvert Installation	UT of Mill Creek	060101070312
NR0603.223	Sevier	Driveway Crossing	Walden Creek	060101070312
NR0603.229	Sevier	Minor Alterations to Wetlands	UT to Mill Creek	060101070312
NR0603.245	Sevier	Bank Stabilization	Clear Fork of Walden Creek	060101070312
NR0603.254	Sevier	Culvert Extension	UT to Mill Creek	060101070312
NR0703.025	Sevier	Water Line Crossing	UT to Little Cove Creek	060101070312
NR0703.043	Sevier	Utility Line Crossings	Little Cove Creek	060101070312
NR0703.064	Sevier	Culvert Installation	UT to Caney Creek to West Prong Little Pigeon River	060101070312
NR0703.077	Sevier	Sewer Line crossing	Walden Creek & Lost Branch	060101070312

Table A4-5b.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NR0703.103	Sevier	Minor Alterations to Wetlands	Wetland Adjacent to UT to Mill Creek	060101070312
NRS07.171	Sevier	Stream Encapsulation	UT to Mill Creek	060101070312
NRS03.291	Sevier	Bank Stabilization	Walden Creek	060101070312
NRS06.209	Sevier	Stream Relocation and Enhancement	UT	060101070312
NR0603.078	Sevier	Construction of Intake and Outfall Structure	West Prong Little Pigeon River	060101070313
NRS06.224	Sevier	Boardwalk Construction and Storm Water Outfall	West Prong Little Pigeon River	060101070313
NR0603.183	Sevier	Alteration to WWC	UT to Middle Creek	060101070314
NRS02.360	Sevier	Road Widening	Middle Creek	060101070314
NRS02.360B	Sevier	Road Widening	Middle Creek	060101070314
NRS02.360C	Sevier	Road Widening	Middle Creek	060101070314
NRS02.360D	Sevier	Road Widening	Middle Creek	060101070314
NRS02.360E	Sevier	Road Widening	Middle Creek	060101070314
NRS02.360F	Sevier	Road Widening	Middle Creek	060101070314
NRS02.360G	Sevier	Road Widening	Wetland Area 6	060101070314
NRS02.360H	Sevier	Road Widening	Wetland Area 7	060101070314
NRS02.360I	Sevier	Road Widening	Wetland Area 8	060101070314
NRS02.360J	Sevier	Road Widening	Wetland Area 11	060101070314
NRS02.360K	Sevier	Road Widening	Wetland Area 12	060101070314
NRS02.360L	Sevier	Road Widening	Wetland Area 13	060101070314
NRS05.052	Sevier	Stream Encapsulation	Lower Middle Creek	060101070314
NRS05.249	Sevier	Stream Encapsulation and Culvert Removal	Middle Creek	060101070314
NRS05.437	Sevier	Utility Line Crossings	Middle Creek	060101070314
NRS07.161	Sevier	Culvert Installation	UT to Middle Creek	060101070314
NR0603.029	Sevier	Construction and Removal of Minor Road Crossings	Gists Creek	060101070315
NR0603.251	Sevier	Construction and Removal of Minor Road Crossings	Norton Branch	060101070315
NR0603.262	Sevier	Construction and Removal of Minor Road Crossings	UTs to West Fork of Gists Creek	060101070315
NR0603.282	Sevier	Construction of Intake and Outfall Structure	Little Pigeon River	060101070315
NR0703.094	Sevier	Water Withdrawal	Gist Creek & Little Pigeon River	060101070315
NRS02.408	Sevier	Construction and Removal of Minor Road Crossings	Little Pigeon River	060101070315
NRS02.408B	Sevier	Construction and Removal of Minor Road Crossings	Wetlands on Little Pigeon River	060101070315
NRS03.174	Sevier	Stream Relocation	Little Pigeon River	060101070315
NRS03.290	Sevier	Bank Stabilization	Little Pigeon River & Gist Creek	060101070315
NRS05.014	Sevier	Stream Relocation and Culvert Installation	Little Pigeon River	060101070315

Table A4-5c.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS05.482	Sevier	Bridges and Approaches	Gist Creek & Little Pigeon River	060101070315
NRS05.482B	Sevier	Minor Alterations to Wetlands	Wetland	060101070315
NRS06.141	Sevier	Water Withdrawal	Little Pigeon River	060101070315
NRS07.154	Sevier	Stream Relocation, Culvert Replacement and Stream Restoration	Gist Creek & Little Pigeon River	060101070315

Table A4-5d.

Tables A4-5a-d. ARAPs (Aquatic Resource Alteration Permit) issued June 2002 through June 2007 in the Lower French Broad River Watershed. UT, Unnamed Tributary.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR132451	Cocke	Newport Utilities: Emerald Point Subdivision Water and Sewer Utilities	10.10	Tributaries to French Broad River (Douglas Lake)	060101070101
TNR131482	Jefferson	Franklin Ridge Development, LLC: Franklin Ridge Apartments	9.00	On-Site Pond	060101070102
TNR131916	Jefferson	LKM Properties: Weigel's Farm Store	1.84	UT to French Broad River (Douglas Lake)	060101070102
TNR132000	Jefferson	Kent Woods: Retail Business Park	16.30	UT to Douglas Lake	060101070102
TNR132101	Jefferson	Myers Construction Company: English Meadows Subdivision	10.50	Spring Creek to French Broad River (Douglas Reservoir)	060101070102
TNR132121	Jefferson	Town of Dandridge: Swannsylvania CDBG Water Project	17.70	Seahorn Creek & Douglas Lake	060101070102
TNR132276	Jefferson	Concrete Materials, Inc.: Ready Mix Concrete Plant	4.00	Rimmer Creek	060101070102
TNR132506	Jefferson	Southview Development: Dandridge Condominiums	15.00	Rimmer Creek & UT to Douglas Lake	060101070102
TNR190304	Jefferson	TDOT: SR 9 Bridges and Approaches	4.45	French Broad River	060101070102
TNR131709	Sevier	Kent Woods: Southwind Subdivision	28.44	Douglas Lake	060101070103
TNR131739	Jefferson	Ruey Hsiung Cheng: Eagle View Estates	43.10	Patterson Branch & Douglas Lake	060101070103
TNR131910	Jefferson	Doug Keene: Shady Cove Subdivision	4.64	Douglas Lake	060101070103
TNR132217	Jefferson	Craig Faulkner: Millstone Subdivision	16.00	UT to Goose Creek to Douglas Lake	060101070103
TNR132295	Jefferson	Sevier Ventures, Richard Hain: Hickory Landing Condominiums	60.00	Muddy Creek	060101070103
TNR132351	Jefferson	William J. Haywood: Apple Ridge Subdivision	80.00	UT to Douglas Lake	060101070103
TNR132488	Jefferson	Bouldercrest Villas, LLC: Bouldercrest Villas Subdivision	11.50	Douglas Lake	060101070103
TNR132504	Jefferson	Tim McCormick: Oaks at Goose Creek Subdivision	6.00	Wells Branch	060101070103
TNR132518	Jefferson	Ronald Freedman: Ridge View Subdivision	15.35	UT to Goose Creek	060101070103
TNR190295	Jefferson	TDOT: SR 139 Bridge Replacement	2.50	Shadden Creek	060101070103
TNR190296	Jefferson	TDOT: SIA Access Rd	3.81	Clear Creek	060101070103
TNR190618	Jefferson	TDOT: SR 35 Culvert Replacement	1.60	Clear Creek	060101070103
TNR131632	Sevier	Heartland Development: Fox Vista Subdivision	18.40	Douglas Lake	060101070104

Table A4-6a.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR131742	Sevier	Kevin Blalock: Burning Oaks Subdivision	36.00	UT to Flat Creek	060101070104
TNR132029	Sevier	Leon Anderson: Site Grading	2.00	Hettie Creek	060101070104
TNR132085	Sevier	Smoky Mountain Estates Properties, Inc.: Smoky Mountain Estates	59.12	Flat Creek	060101070104
TNR132178	Sevier	Greg Layman: Roadway, Culvert, and Utility Construction	1.45	Hettie Creek	060101070104
TNR132303	Sevier	Heartland Development: Fox Vista Subdivision	55.80	Douglas Lake	060101070104
TNR132369	Sevier	Teddy Jones and Gary Myers: Site Grading	6.50	Patterson Creek	060101070104
TNR190671	Sevier	TDOT: SR 35 Bridge Construction	1.62	Flat Creek	060101070104
TNR130170	Knox	Gregory Layman, Developer: River Island Subdivision	60.00	French Broad River	060101070201
TNR131701	Sevier	Ralph and Pearl Laughton: Providence Hill Subdivision	26.20	UTs to Millican Creek	060101070201
TNR131853	Sevier	Blue Ridge Development and New Hope Ministries: Cross Pointe	47.00	French Broad River	060101070201
TNR132026	Sevier	Awl Phase Construction: Sylvia Lane Property Subdivision	5.00	Millican Creek	060101070201
TNR132049	Sevier	Al Franke: Falcon Ridge Subdivision	26.55	UT to the French Broad River	060101070201
TNR132252	Sevier	MD Investments: Comfort Suites Hotel	2.80	Dumplin Creek	060101070201
TNR131607	Knox	Heartland Development, LLC: Commercial Development	6.88	UT to Boyds Creek	060101070202
TNR131616	Sevier	Tim Norwood: Storage Development	2.59	UT to Boyds Creek	060101070202
TNR131660	Sevier	Gary Mack: Happy Creek Subdivision	19.00	Happy Creek	060101070202
TNR131674	Sevier	Doug Smith: Hillsong Subdivision	9.56	Boyds Creek	060101070202
TNR131696	Sevier	Heartland Development, LLC: Van Guilder at Creekside	11.13	Boyd's Creek	060101070202
TNR131708	Sevier	Darrell Keene Development: Commercial Development	9.00	UTs to Boyds Creek	060101070202
TNR131720	Knox	Heartland Development, LLC: Borrow Area	3.64	UT to Boyd's Creek	060101070202
TNR131811	Sevier	D & D Properties	8.01	UT to Boyd's Creek	060101070202
TNR131849	Sevier	Prime Investments: Cool Springs Subdivision	57.23	Boyds Creek	060101070202
TNR131874	Sevier	Reagan Farms Commercial Park: Site Grading	4.21	Bridge Creek	060101070202

Table A4-6b.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR131909	Sevier	Howard L. and Jean Brown: First Rage Storage	3.98	Boyds Creek	060101070202
TNR131949	Sevier	F & W Builders, LLC: Chesney Commons Condominiums	4.80	UT to Boyds Creek	060101070202
TNR131967	Sevier	North American Development Corporation: Condominium Development	9.70	UT to Boyds Creek	060101070202
TNR132007	Sevier	Mark Parsons: Byrd Haven Estates	25.66	Happy Creek	060101070202
TNR132058	Sevier	North American Development Corporation: Simmons View Condominiums	6.10	Boyds Creek	060101070202
TNR132194	Sevier	Heartland Development: The Presidential Subdivsion	46.00	UT to Boyds Creek	060101070202
TNR132275	Sevier	Faith In The Word Church: Shoney's Restaurant	2.20	UT to Boyds Creek	060101070202
TNR132417	Sevier	Kevin Scott Whaley: Gaylon Heirs Property	2.00	Knob Creek	060101070202
TNR132499	Sevier	Hodges Bend, LLC: The Vista at Hodges Bend	68.00	Boyd's Creek	060101070202
TNR190191	Sevier	TDOT: SR 448	13.45	Little Pigeon River & West Prong Little Pigeon River to French Broad River	060101070202
TNR190256	Sevier	TDOT: SR 35	13.26	Boyds Creek	060101070202
TNR131436	Jefferson	David L. Jones: Baldwin Cate Farm Subdivision	21.70	UT to Dumplin Creek	060101070203
TNR131553	Sevier	Heritage Log Homes: Utility Improvements	14.50	UT of Dumplin Creek	060101070203
TNR131645	Sevier	Carl Coplen: Northview Business Park	7.00	Unnamed Stream to Dumplin Creek	060101070203
TNR131768	Sevier	Smoky Mountain Building Products, LLC: Technology Park	7.05	UT to Dumplin Creek	060101070203
TNR131789	Sevier	Kirby Smith: Clear Creek Estates	14.90	Dumplin Creek	060101070203
TNR131832	Jefferson	George Johnson: Office Building Construction	0.00	Hunnicutt Branch	060101070203
TNR131897	Jefferson	Woodridge L & P D, LLC: Site Grading	9.65	Chaney Branch	060101070203
TNR131979	Jefferson	Donny Meadows: Mountain Meadows Subdivision	44.48	Piedmont Branch	060101070203
TNR132144	Jefferson	Hui Lin Chan: Highway 92 Borrow Area	8.20	UT to Dumplin Creek.	060101070203
TNR132192	Jefferson	David L. Jones: Milldale Square Subdivision	6.00	Dumplin Creek	060101070203
TNR132242	Jefferson	Jeff Richardson: Storage Rental Buildings	2.45	Dumplin Creek	060101070203
TNR132485	Jefferson	Holy Trinity Catholic Church: Building Construction	2.30	UT to Dumplin Creek	060101070203

Table A4-6c.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR190352	Jefferson	TDOT: Bridge Replacement	1.04	Dumplin Creek	060101070203
TNR190559	Sevier	TDOT: Top Flite Drive	4.41	UTs to Dumplin Creek & Sinkhole	060101070203
TNR131785	Sevier	Doug Clifton: Bays Mountains Subdivision	40.40	Dry Branch	060101070204
TNR131836	Knox	Johnson Bible College: Expansion	4.00	French Broad River	060101070204
TNR131928	Knox	Clyde Baker: Cross Walk Community Church	2.30	Upper Tennessee River (Fort Loudoun Reservoir)	060101070204
TNR131968	Knox	Franklin Development, LLC: The Village of Sevier Subdivision	18.90	UT to Sixmile Branch	060101070204
TNR132174	Knox	Jack and Sandy Grubbs: Safe Haven Subdivision	7.35	Burnett Creek to French Broad	060101070204
TNR132176	Knox	Con-Way Freight Services: Parking Lot Expansion	2.17	French Broad River	060101070204
TNR132205	Knox	Showcase Homes: Ford Valley Estates	5.50	UT to French Broad River (Fort Loudon Lake)	060101070204
TNR132461	Knox	Riverwalk Landing, LLC: Riverwalk Landing Subdivision	37.20	Fort Loudoun Lake	060101070204
TNR132564	Sevier	Hill View Estates, LLC: Hill View Estates	6.00	Gap Creek	060101070204
TNR131524	Sevier	Alex Davis ET AL: Smoky Village Subdivision	6.00	UT to Tuckahole Kinners Branch	060101070205
TNR131525	Sevier	Earl Stiles: Hollow Hill Subdivision	8.00	UT to French Broad	060101070205
TNR131889	Knox	Knoxville Utilities Board: Gas Main Replacement	0.80	UTs to First Creek	060101070205
TNR132098	Sevier	Joe McCarter: Thorngrove Pike Exploration	26.00	UT to Tuckahoe Creek	060101070205
TNR132201	Jefferson	Southview Development: Site Clearing	61.00	Caldwell Branch	060101070205
TNR131932	Sevier	Jeff Shultz: Office Development	4.00	Middle Creek	060101070303
TNR131936	Sevier	Leonard Waring: The Tradition Subdivision	33.00	Lone Branch	060101070303
TNR131959	Sevier	Webb Mountain, LLC: Webb Mountain Subdivision	5.00	Little Pigeon River & Henry Branch	060101070303
TNR132047	Sevier	Property Express, LLC: Diamond Ridge Subdivision	16.10	UT of Knight Mill Branch	060101070303
TNR190564	Sevier	TVA - Dumplin Valley-Pigeon Forge Transmission Line	3.00	Little Pigeon River @ RM 10	060101070303
TNR131456	Sevier	Hibbard Family Corporation: Mountain Grace Estates	30.00	Bird Creek to Little Pigeon River	060101070305
TNR131776	Sevier	Byrd's Eye View, LLC: Bird's Eye View Subdivision	31.35	Bird Creek	060101070305
TNR131926	Sevier	Frederick Dreambuilders: Settler's Ridge Subdivision	26.00	UT to Powdermill Creek	060101070305
TNR131970	Sevier	Serenity Woods, LLC: Serenity Woods Subdivision	13.00	Oldham Creek	060101070305

Table A4-6d.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR132019	Sevier	Bruce Marr: The Landing at Birds Creek	9.95	UT of Bird's Creek	060101070305
TNR132041	Sevier	Through the Woods, LLC: Glades Point Subdivision	3.54	West Prong Birds Creek	060101070305
TNR132055	Sevier	Rich Thompson and Alan Maio: Green Mountain Subdivision	14.83	UT to Tyant Branch to Birds Creek	060101070305
TNR132056	Sevier	Rich Thompson and Alan Maio: Green Mountain Subdivision	26.35	Two UTs to Birds Creek	060101070305
TNR132158	Sevier	Blalock's Charles & Sons: Portable Concrete Plant	0.00	Bird Creek	060101070305
TNR131551	Sevier	Bud Ogle: Preston Ridge Subdivision	19.50	Unnamed Creek to Walnut Grove Branch	060101070306
TNR131593	Sevier	Sevier County, Tennessee: Water Line Improvements	11.10	Mill Branch, Dunn Creek, Dugan Branch, Canupp Branch, Fats Fork, Obes Branch, & Wilhite Creek	060101070306
TNR131948	Sevier	D.S. Builders: Ridgewood Estates Subdivision	11.50	East Fork	060101070306
TNR132010	Sevier	Charlie Stranahan: Dixon Mountain Estates	20.00	UT to Dunn Creek	060101070306
TNR132069	Sevier	Covenant Investment Group: The Condos at Ridgewood Estates	9.74	UT to East Fork Little Pigeon River	060101070306
TNR132110	Sevier	Awl Phase Construction of Tennessee: Autumn Ridge Estates	33.00	East Fork of Little Pigeon River	060101070306
TNR132139	Sevier	S & S Partners: Forest Glenn Subdivision	21.50	Yellow Breeches Creek	060101070306
TNR132359	Sevier	Alexis Tejada: Bearwallow Mountain Subdivision	55.13	UT to Mill Branch	060101070306
TNR132386	Sevier	Bonus Room Storage: Heritage Hills Storage	4.90	Walnut Grove Branch	060101070306
TNR190726	Sevier	TDOT: Bridge Replacement	1.73	Dunn Creek	060101070306
TNR190738	Sevier	TDOT: Small Structure Replacement	4.12	East Fork Creek	060101070306
TNR131265	Sevier	Norton Creek, LLC: Norton Creek Subdivision	1.40	Norton Creek	060101070307
TNR131453	Sevier	Marvin T. and Renee B. Merritt: Mountain Shangrila	9.20	UT to Gnatty Branch to UT to West Prong Little Pigeon River	060101070307
TNR131474	Sevier	City of Pigeon Forge: Pigeon Forge Greenway Trail	4.60	West Prong Little Pigeon River	060101070307
TNR131489	Sevier	Fred Allred: Campbell Lead Road Condominiums	9.67	Buckberry Branch & Cliff Branch to West Prong Little Pigeon River	060101070307
TNR131491	Sevier	Dan Haynes: Helicopter Headquarters Museum	4.02	West Prong Little Pigeon River	060101070307

Table A4-6e.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR131504	Sevier	City of Pigeon Forge: Gravity Sewer Installation	6.00	Mill Creek	060101070307
TNR131510	Sevier	Gatlinburg Falls, LLC: Holly Forest Subdivsion	6.00	Gnatty Branch	060101070307
TNR131556	Sevier	Whispering Pines, LLC	1.10	West Prong Little Pigeon River	060101070307
TNR131560	Sevier	Keith Biggs: The Inn at Christmas Place	6.12	West Prong Little Pigeon River	060101070307
TNR131613	Sevier	Jon Bickis: Sunrise Pointe Subdivision	2.03	Holy Branch Creek	060101070307
TNR131614	Sevier	Andy MacKinnon, MacKinnon Development: Linebergers Plaza	1.10	West Prong Little Pigeon River	060101070307
TNR131669	Sevier	The Maples Group: Briarwood Gate Cabins	10.50	UT to West Prong Little Pigeon River	060101070307
TNR131764	Sevier	H2O Sevier, LLC: Cherokee Lodge Condominiums	2.79	UT to West Prong Little Pigeon River	060101070307
TNR131875	Sevier	2 Ducks LLC: Teaster Commons Fill Area	2.00	West Prong Little Pigeon River	060101070307
TNR131921	Sevier	David Acor: Elkington Place Subdivision	1.70	Buckberry Branch	060101070307
TNR131992	Sevier	Ray Beck: Teaster Lane	2.12	West Prong Little Pigeon River	060101070307
TNR132413	Sevier	Great Smoky Mountains Church of Christ: Site Renovation	2.25	West Prong Little Pigeon River	060101070307
TNR131608	Sevier	Stan Sorey: Summit Manor Condominiums	1.92	West Prong Little Pigeon River	060101070308
TNR132429	Sevier	Holly Ridge Development, LLC: Holly Ridge Condominiums	3.16	UT to West Prong Little Pigeon River	060101070309
TNR131591	Sevier	Theodore Mullikin: Condominium Development	2.03	Dudley Creek	060101070311
TNR132088	Sevier	Bruce Marr: Majestic Hills Subdivision	2.28	Hogpen Branch	060101070311
TNR132313	Sevier	Allen Hood	19.00	Hogpen Branch	060101070311
TNR131446	Sevier	CG Investments, Inc: Serenity Cove Subdivision	10.00	Laurel Lick Branch	060101070312
TNR131457	Sevier	Ray Teaster: Road Construction	39.00	South Prong of Walden Creek	060101070312
TNR131471	Sevier	Pine Mountain Hospitality Group: Pine Mountain Campground	9.69	Mill Creek	060101070312
TNR131480	Sevier	Randy Fox: Fox Crossing Subdivision	10.00	UT to Walden Creek	060101070312
TNR131534	Sevier	Mike McCarter: Teaberry Mountain Subdivision	8.00	UT to Cove Creek	060101070312
TNR131618	Sevier	TFM Properties: Cave Mountain Commons	1.75	UT to Cove Creek	060101070312
TNR131636	Sevier	TCB Construction Company: Stone Mill Subdivision	1.20	UT to Cove Creek	060101070312
TNR131648	Sevier	Ross Ogle: Site Grading	8.00	Walden Creek	060101070312

Table A4-6f.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR131655	Sevier	Jeff Harris: On Higher Ground Lot and Water Line Extension	9.40	UT to Little Cove Creek	060101070312
TNR131676	Sevier	Cabins USA, LLC: Mountain Park Cabin Rentals	4.30	Dry Fork	060101070312
TNR131735	Sevier	Fairtenn, LLC: Misty Ridge Subdivision	15.61	UTs to Mill Creek	060101070312
TNR131740	Sevier	Brookside R.V. Resort and Sales	1.50	Walden Creek	060101070312
TNR131765	Sevier	Gary Fields: The Summit at Bluff Mountain	2.40	UTs to Waldens Creek	060101070312
TNR131784	Sevier	Mountain Ridge, LLC: Cherokee Valley Subdivision	9.00	Walden Creek & Lost Branch	060101070312
TNR131834	Sevier	Chuck McGinnis: Thunder Mountain	1.95	Little Cove Creek	060101070312
TNR131846	Sevier	Fairtenn, LLC: Wilderness Falls Access Road	18.00	UTs to Mill Creek	060101070312
TNR131871	Sevier	Don Hall: Pine Mountain Road	2.82	Mill Creek	060101070312
TNR131966	Sevier	Pigeon Forge First Baptist Church: Church Relocation	14.00	Mill Creek	060101070312
TNR132081	Sevier	Roy Lafollette: Lafollette's Landing Subdivision	13.80	UT to Walden Creek	060101070312
TNR132105	Sevier	Highway Host, Inc.: Laurel Branch North Subdivision	16.37	Laurel Creek & UT to Walden Creek	060101070312
TNR132133	Sevier	A. C. Masingill: Road Construction	15.00	Lost Branch to Walden Creek	060101070312
TNR132168	Sevier	Blalock Lumber Company: Portable Concrete Plant	1.50	Rush Branch to Mill Creek	060101070312
TNR132285	Sevier	CG Investments, Inc.: Serenity Cove Road Construction	12.20	Laurel Lick Branch	060101070312
TNR132404	Sevier	Sevier County Board of Education: Boys and Girls Club	2.17	East Prong of Bird Creek	060101070312
TNR132412	Sevier	Awl Phase Construction of Tennessee: Wears Valley Estates	6.00	South Prong of Walden Creek	060101070312
TNR132476	Sevier	Randy Jones: Cabin Development	2.00	Lick Branch to Walden's Creek	060101070312
TNR131419	Sevier	Hidden Mountain Construction: Road Construction	3.90	West Prong Little Pigeon River	060101070313
TNR131496	Sevier	Appleview Farms, LLC: Appleview Farms Condominiums	2.10	West Prong Little Pigeon River	060101070313
TNR131503	Sevier	Smoky Hollow Land Company, LLC:Timer Woods Subdivision	52.70	UT to West Prong Little Pigeon River	060101070313
TNR131555	Sevier	Rashmin R. Jardosh: Mainstay Suites Hotel	1.36	West Prong Little Pigeon River	060101070313

Table A4-6g.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR131568	Sevier	Miller Land Partnership: Retail Development	13.30	Norton's Branch to West Prong Little Pigeon River	060101070313
TNR131604	Sevier	David Travis: Grand Vista Condominiums	19.20	Three UTs to West Prong Little Pigeon River	060101070313
TNR131746	Sevier	Pigeon Forge Development Group: Mountain Meadow Condominiums	14.00	UT to West Prong Little Pigeon River	060101070313
TNR131758	Sevier	Highlands Union Bank: Building Construction	1.10	West Prong Little Pigeon River	060101070313
TNR131798	Sevier	Bankeast: Parking Area Construction	1.30	UT to West Prong Little Pigeon River	060101070313
TNR131863	Sevier	The City of Pigeon Forge: Parkway/Teaster Lane Connector	1.35	West Prong Little Pigeon River	060101070313
TNR131873	Sevier	City of Pigeon Forge: North Parkway Interceptor	3.00	West Prong Little Pigeon River	060101070313
TNR131902	Sevier	2 Ducks, LLC: Site Grading	1.45	West Prong Little Pigeon River	060101070313
TNR131934	Sevier	River's Edge Development, LLC: Rivers Edge Condominiums	1.95	West Prong Little Pigeon River	060101070313
TNR132182	Sevier	Blue Ridge Residential: Wisteria Pointe Condominiums	1.45	UT to West Prong Little Pigeon River	060101070313
TNR130198	Sevier	Hidden Springs Resort	0.00	Seaton Branch & UT	060101070314
TNR131479	Sevier	Bob Gillespie and Dewayne Cable: Landmark Pointe	96.19	UT to Middle Creek	060101070314
TNR131857	Sevier	Roy Gutridge: Roy Gutridge Development	8.30	UT to Middle Creek	060101070314
TNR131896	Sevier	Johnson Sevierville, LLC: Commercial Shopping and AutoZone Parking Area	1.63	Middle Creek	060101070314
TNR131951	Sevier	James Conner: Snapwood Estates	6.87	Middle Creek	060101070314
TNR131963	Sevier	Chuck Smith: Cypress Court Subdivision	3.10	UT to Little Pigeon River	060101070314
TNR131986	Sevier	Curt Frederick: Double Cup Investments Subdivision	3.17	Middle Creek	060101070314
TNR132037	Sevier	Dollywood: Mystery Mine	1.70	UT of Middle Creek	060101070314
TNR132080	Sevier	Joe McMakin: Bear Cove Falls	5.20	UT to Middle Creek	060101070314
TNR132367	Sevier	Dollywood: Road Expansion		UT of Middle Creek	060101070314
TNR132558	Sevier	Covenant Health Properties: Demolition and Backfill	8.00	Middle Creek	060101070314
TNR131533	Sevier	Steven E. Marshall: Ridge Haven Subdivision	41.10	UT to Gists Creek	060101070315

Table A4-6h.

PERMIT NUMBER	COUNTY	PERMITTEE: DISCRPTION	AREA	WATERBODY	HUC-12
TNR131566	Sevier	Sevier Ventures, Inc.: Eagles Watch Subdivision	1.40	Flat Creek	060101070315
TNR131652	Sevier	James E. Gibson: Pleasant Hill Estates	4.00	UT of Gists Creek	060101070315
TNR131680	Sevier	Doug Shoemaker: Mountain Living Homes Retail Center	1.50	Little Pigeon River	060101070315
TNR131783	Sevier	Sevier County Electric System: Pole Storage Yard	2.25	UT to Little Pigeon River	060101070315
TNR131872	Sevier	Charles Blalock and Sons: North Materials Management	48.50	UTs to Little Pigeon River	060101070315
TNR131924	Sevier	Pilot Corporation: Pilot Food Mart	1.78	Little Pigeon River	060101070315
TNR131944	Sevier	Eugene Coldiron: Sugar Loaf Ridge Subdivision	29.50	UTs to West Fork of Gists Creek	060101070315
TNR131978	Sevier	Ron Ogle: Furniture Store and Warehouse	5.29	UT to Little Pigeon River	060101070315
TNR131981	Sevier	KBM Commercial Properties: Allensville Square	27.00	UT to Little Pigeon River	060101070315
TNR131982	Sevier	Holrob-SOCO, LLC: Christmas Place Property	8.00	Little Pigeon River	060101070315
TNR132040	Sevier	DT Corporation: Allensville Square	36.00	UT to Little Pigeon River	060101070315
TNR132334	Sevier	Terry Williams: Dogwood Trace Subdivision	40.00	UT to Norton Branch	060101070315
TNR132357	Sevier	GAC Investments, LLC: New Era Road Subdivision	20.00	Gist Creek	060101070315
TNR132396	Sevier	Citizens National Bank: River Park Apartments	3.56	Little Pigeon River	060101070315

Table A4-6i.

Tables A4-6a-i. CGPs (Construction General Permits) issued June 2002 through June 2007 in the Lower French Broad River Watershed. Area, acres of property associated with construction activity; UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	MADI	WATERBODY	HUC-12
TN0004987	Rinker Materials South Central (Forks of The River Quarry)	1422	Crushed and Broken Limestone	Minor	French Broad River & UT	060101070204
TN0063096	French Broad Sand & Gravel, Inc. (Sand Dredge and Processing Facility)	1442	Construction Sand and Gravel	Minor	French Broad River @ RM 3.8-5.7	060101070204
TN0063347	Jefferson County Hwy Dept (Limestone Quarry and Processing Facility)	1422	Crushed and Broken Limestone	Minor	UT to Goose Creek	060101070103
TN0066214	Sevier County Hwy. Dept. (Sevier County Quarry)	1422	Crushed and Broken Limestone	Minor	Karst Topography Via Sinkholes	060101070306
TN0065951	Vulcan Construction Materials, LP (Kodak Quarry)	1422	Crushed and Broken Limestone	Minor	Dumplin Creek	060101070203
TN0003018	Vulcan Construction Materials, LP (Sevierville Quarry)	1422	Crushed and Broken Limestone	Minor	West Prong Little Pigeon River	060101070313

Table A4-7. Permitted Mining Facilities in the Lower French Broad River Watershed. SIC, Standard Industrial Classification; MADI, Major Discharge Indicator; UT Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	SIC CODE	SIC NAME	MADI	WATERBODY	HUC-12
TN0024503	TDOT-I40 Rest Area	4952	Sewerage Systems	Minor	Douglas Lake @ RM 55.0 to French Broad River	060101070101
TN0064971	White Pine STP	4952	Sewerage Systems	Minor	French Broad River @ RM 67.9 (Douglas Reservoir)	060101070101
TN0021245	Dandridge STP	4952	Sewerage Systems	Minor	French Broad River @ RM 45.5 (Douglas Reservoir)	060101070102
TN0003280	Bush Brothers and Company, Inc.	2033	Canned Fruits, Vegetables, Preserves, Jams and Jellies	Minor	Clear Creek @ RM Muddy Creek Embayment @ RM 5.3 of Douglas Reservoir	060101070103
TN0027421	TVA Douglas Hydro Plant	4911	Electrical Services	Minor	French Broad River	060101070103
TN0078131	Harbor Crest Condo Association	4952	Sewerage Systems	Minor	French Broad River @ RM 38.01	060101070103
TN0063959	Sevierville STP (McCroskey Island)	4952	Sewerage Systems	Major	French Broad River @ RM 27.3	060101070201
TN0022748	Harrison Chilhowee Baptist Academy	4952	Sewerage Systems	Minor	UT @ RM 0.4 to Boyd's Creek @ RM 11.3	060101070202
TN0055328	Dumplin Valley Associates	4952	Sewerage Systems	Minor	Dumplin Creek @ RM 2.8	060101070203
TN0055565	Jefferson County High School	4952	Sewerage Systems	Minor	UT @ RM 0.4 to Dumplin Creek @ RM 12.3	060101070203
TN0023337	Johnson Bible College-Knoxville	4952	Sewerage Systems	Minor	French Broad River @ RM 9.9	060101070204
TN0028223	Gap Creek Elementary School	4952	Sewerage Systems	Minor	Cement Mill Creek @ RM 2.0	060101070204
TN0061581	Pepsi Bottling Group	2086	Bottled and Canned Softdrinks and Carbonated Waters	Minor	French Broad River @ RM 0.9	060101070204
TN0078948	Panasonic Electronic Devices Corporation of America	3651	Household Audio and Video Equipment	Minor	French Broad River @ RM 1.9	060101070204
TN0055310	Webb Creek Utility District	4952	Sewerage Systems	Minor	Webb Creek @ RM 2.8	060101070304
TN0055689	Caton's Chapel Elementary School	4952	Sewerage Systems	Minor	Bird Creek @ RM 1.7	060101070305
TN0059102	Venture Out at Gatlinburg	4952	Sewerage Systems	Minor	Ogle Springs Branch @ RM 1.6	060101070306
TN0060569	East Sevier County Utility District STP	4952	Sewerage Systems	Minor	Wilhite Creek @ RM 4.05	060101070306

Table A4-8a.

PERMIT NUMBER	PERMITTEE	SIC CODE	SIC NAME	MADI	WATERBODY	HUC-12
TN0020117	Gatlinburg STP	4952	Sewerage Systems	Major	West Prong Little Pigeon River @ RM 16.4	060101070307
TN0021237	Pigeon Forge STP	4952	Sewerage Systems	Major	West Prong Little Pigeon River @ RM 16.4	060101070312
TN0002194	Johnson Matthey Catalysts	2819	Industrial Inorganic Chemicals, NEC	Minor	Little Pigeon River @ RM 7.4	060101070315

Table A4-8b.

Tables A4-8a-b. Municipal and Industrial Permittees in the Lower French Broad Watershed. SIC, Standard Industrial Code; MADI, Major Discharge Indicator; UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC-12
TNG110330	Concrete Materials, Inc.	UT to Douglas Reservoir	060101070102
TNG110257	A & W Ready Mix Concrete, LLC	UT to French Broad River	060101070201
TNG110154	Ross Prestressed Concrete Company, Inc.	French Broad River @ RM 0.4 (Fort Loudon Lake)	060101070204
TNG110325	Blalock Lumber Company Concrete Plant #6	Bird Creek	060101070305
TNG110329	A & W Ready Mix Concrete, LLC	Bird Creek	060101070305
TNG110324	Blalock Lumber Company	Mill Creek	060101070312
TNG110126	Blalock Lumber Company Concrete Plant 1	West Prong Little Pigeon River to French Broad River	060101070313
TNG110230	Blalock Lumber Company	Middle Creek to Pigeon River	060101070314
TNG110264	Blalock Lumber Company	Middle Creek	060101070314
TNG110338	Blalock Lumber Company	Middle Creek to Little Pigeon River	060101070314
TNG110125	Blalock Lumber Company Concrete Plant 2	Little Pigeon River to French Broad River	060101070315

Table A4-9. RMCP (Ready Mix Concrete Plant) Permittees in the Lower French Broad River Watershed. UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	SECTOR	RECEIVING STREAM	AREA	HUC-12
TNR051470	Greene's Auto Parts	M	Crider Creek to Long Creek	6.00	060101070101
TNR052047	Clayton Homes White Pine	A	Leadvale Creek to Douglas Lake Embayment to French Broad River	27.00	060101070101
TNR053182	Builders Transport, Inc.	P	French Broad River	22.60	060101070102
TNR053538	U.S. Marine Bayliner Marine	V	Douglas Lake	13.30	060101070102
TNR056763	Liford Corporation	W	UT (Rimmer Creek) to Douglas Reservoir	20.00	060101070102
TNR050362	Bush Brothers & Company, Inc.	U	Clear Creek	1.50	060101070103
TNR053387	Ball Metal Food Container Corporation	AA	Clear Creek to Douglas Lake	2.00	060101070103
TNR054187	A & W Ready Mix Concrete, LLC	E	UT to French Broad River	2.00	060101070201
TNR056492	Swaggerty Sausage Company, Inc.	U	Johnny Creek	3.00	060101070201
TNR050699	Floyd's Auto Parts	M	Knob Creek to Bridge Creek	3.00	060101070202
TNR051218	Smoky Mountain Auto Parts	M	WWC to Nails Creek to Little River	6.00	060101070202
TNR051204	Jasper Jones Auto Parts	M	WWC to Piedmont Branch	10.00	060101070203
TNR054058	Asphalt Plant #3	D	Dumplin Creek	6.00	060101070203
TNR055979	Performance Parts and Sales	M	Storm Water to Detention Pond at base of property to Piedmont Branch	3.35	060101070203
TNR056487	Performance Parts and Sales	M	Ditch to Piedmont Branch	3.35	060101070203
TNR056781	Heritage Log Homes, Inc.	A	UT to Dumplin creek	20.00	060101070203
TNR056798	Charles Blalock & Sons, Inc. Asphalt Plant #3	D	Dumplin Creek	3.50	060101070203
TNR050145	Chapman Enterprises, Inc.	M	WWC to Six Mile Branch to Burnett Creek to French Broad River	4.00	060101070204
TNR050328	Aqua-Chem, Inc. Water Tech. Division	AA	Sand Creek	2.00	060101070204
TNR050484	Precision Disc Corporation	AA	French Broad River Approximately 1 Mile Above The Tennessee River	0.10	060101070204
TNR050537	Rocore Knoxville, LLC	AA	French Broad River	24.78	060101070204
TNR050935	Lowe's Auto Parts, Inc.	M	UT to Hines Creek to French Broad River	10.00	060101070204
TNR051213	Renfro Construction Company, Inc.	D	Not Identified	16.00	060101070204
TNR051333	Tennessee Steel Processors Company	AC	French Broad River	1.60	060101070204

Table A4-10a.

PERMIT NUMBER	PERMITTEE	SECTOR	RECEIVING STREAM	AREA	HUC-12
TNR051486	Ashland Chemical, Inc.	AD	WWC to the North & East of the facility	4.00	060101070204
TNR053062	Con-Way Southern Express - NKX	P	French Broad River	21.00	060101070204
TNR053230	Sea Ray Boats, Inc.	R	French Broad River	12.70	060101070204
TNR053407	Sea Ray Boats, Inc.	R	French Broad River	59.26	060101070204
TNR053414	Burkhart Enterprises, Inc.	Q	French Broad River	30.00	060101070204
TNR053420	Forks of The River WWTP	T	French Broad River	1.00	060101070204
TNR053726	Bullet Boats, Inc.	R	UT to Hines Creek	3.00	060101070204
TNR053761	Super Service, Inc.	P	Sand Branch of Swampond Creek to Holston River	6.30	060101070204
TNR053870	Tennessee Metals Company, LLC	N	French Broad River	6.60	060101070204
TNR054407	Panasonic Electronic Devices Corporation of America	AC	French Broad River	20.00	060101070204
TNR054467	Duracap Asphalt Paving Company	D	French Broad River	11.96	060101070204
TNR054475	Rowe Transfer, Inc.	P	French Broad River	5.00	060101070204
TNR054502	Fi-Shock, Inc	AC	Metropolitan Storm Sewer	12.32	060101070204
TNR055026	Interstate Steel Corporation	AA	Hines Creek	0.75	060101070204
TNR056493	Pepsi Bottling Group	U	French Broad River @ RM 0.9	23.89	060101070204
TNR056573	Pepsi Bottling Group	P	French Broad River	0.80	060101070204
TNR050083	East Tennessee Auto Center	M	Thompson Creek to Duggan Creek	39.00	060101070205
TNR050226	Denton Auto Parts	M	Not Identified	6.12	060101070205
TNR054369	Wheeler Mull Furniture	W	Tuckahoe Creek	2.00	060101070205
TNR056155	Hillbilly Auto Parts, Inc.	M	Ditch to UT	25.00	060101070205
TNR056373	Mustang Performance	M	Tuckahok Creek	2.00	060101070205
TNR054430	MMD Mountain Mold & Die, Inc.	Y	East Prong Little Pigeon River	0.60	060101070306
TNR054050	Sevier Solid Waste Compost Facility	AD	UT to Middle Creek	6.00	060101070313
TNR055944	Charles Blalock & Sons, Inc. Asphalt Plant #1	D	West Prong Little Pigeon River to French Broad River	3.66	060101070313
TNR056611	Rolling Frito-Lay Sales, LP - Sevierville Bin	P	West Prong Little Pigeon River	0.90	060101070313
TNR050035	Blalock Operation Center	D	UT to Little Pigeon River	36.00	060101070315
TNR050046	The Arnold Engineering Company	E	UT to East Prong Little Pigeon River	5.90	060101070315
TNR050447	Johnson Matthey, Inc.	C	UT to Little Pigeon River @ RM 7	12.24	060101070315
TNR050448	Johnson Matthey, Inc.	C	Little Pigeon River @ RM 4	5.10	060101070315
TNR051591	Process Technology, Inc.	C	Little Pigeon River @ RM 7	2.50	060101070315

Table A4-10b.

PERMIT NUMBER	PERMITTEE	SECTOR	RECEIVING STREAM	AREA	HUC-12
TNR053612	Conner Motor Company	M	Kellum Creek	20.00	060101070315
TNR054263	MMi-Trutec	F	East Fork Little Pigeon River or Lane Hollow Branch	1.00	060101070315
TNR056482	American Truck & SUV, Inc.	M	Dry Fork to Gists Creek	0.75	060101070315

Table A4-10c.

Tables 4-10a-c. TMSPs (Tennessee Multi Sector Permit) issued in the Lower French Broad River Watershed. Area, Acres associated with industrial activity; WWC, Wet Weather Conveyance; UT, Unnamed Tributary. See Table A4-13 for Sector Details.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC-12
TNG830033	Baxter's Grocery	Infiltration Trench or Yellow Breeches Creek	060101070306

Table A4-11. UST (Underground Storage Tank) Remediation Permittees in the Lower French Broad River Watershed.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC-12
TN0004511	Knox Chapman Utility Knoxville WTP	French Broad River @ RM 3.4	060101070204

Table A4-12. WTPs (Water Treatment Plant) in the Lower French Broad River Watershed.

SECTOR	TMSP SECTOR NAME
A	Timber Products Facilities
AA	Facilities That Manufacture Metal Products including Jewelry, Silverware and Plated Ware
AB	Facilities That Manufacture Transportation Equipment, Industrial or Commercial Machinery
AC	Facilities That Manufacture Electronic and Electrical Equipment and Components, Photographic and Optical Goods
AD	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Required)
AE	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Not Required)
B	Paper and Allied Products Manufacturing Facilities
C	Chemical and Allied Products Manufacturing Facilities
D	Asphalt Paving, Roofing Materials, and Lubricant Manufacturing Facilities
E	Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing Facilities
F	Primary Metals Facilities
G	Metal Mines (Ore Mining and Dressing) (RESERVED)
H	Inactive Coal Mines and Inactive Coal Mining-Related Facilities
I	Oil or Gas Extraction Facilities
J	Construction Sand and Gravel Mining and Processing and Dimension Stone Mining and Quarrying Facilities
K	Hazardous Waste Treatment Storage or Disposal Facilities
L	Landfills and Land Application Sites
M	Automobile Salvage Yards
N	Scrap Recycling and Waste and Recycling Facilities
O	Steam Electric Power Generating Facilities
P	Vehicle Maintenance or Equipment Cleaning areas at Motor Freight Transportation Facilities, Passenger Transportation Facilities, Petroleum Bulk Oil Stations and Terminals, the United States Postal Service, or Railroad Transportation Facilities
Q	Vehicle Maintenance Areas and Equipment Cleaning Areas of Water Transportation Facilities
R	Ship or Boat Building and Repair Yards
S	Vehicle Maintenance Areas, Equipment Cleaning Areas or From Airport Deicing Operations located at Air Transportation Facilities
T	Wastewater Treatment Works
U	Food and Kindred Products Facilities
V	Textile Mills, Apparel and other Fabric Product Manufacturing Facilities
W	Furniture and Fixture Manufacturing Facilities
X	Printing and Platemaking Facilities
Y	Rubber and Miscellaneous Plastic Product Manufacturing Facilities
Z	Leather Tanning and Finishing Facilities

Table A4-13. TMSP Sectors and Descriptions.