LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)						
	0101	0102	0103	0104	0105		
Bare Rock/Sand/Clay	8	73	8	4	16		
Deciduous Forest	5,281	18,282	14,697	11,252	20,558		
Developed Open Space	116	1,506	1,625	718	1,876		
Emergent Herbaceous Wetlands					2		
Evergreen Forest	24	655	837	779	4,556		
Grassland/Herbaceous	581	1,176	593	316	788		
High Intensity Development		1	38				
Low Intensity Development	48	211	509	65	258		
Medium Intensity Development		15	141		77		
Mixed Forest	313	1,246	1,212	776	2,334		
Open Water	2	68	59	37	24		
Pasture/Hay	2,218	9,394	9,332	5,844	10,392		
Row Crops		846	2,243	908	1,026		
Shrub/Scrub	2	389	870	288	644		
Woody Wetlands		220	73	35	202		
Total	8,593	34,082	32,237	21,022	42,753		

Table A4-1a.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)						
	0106	0201	0202	0203	0204		
Bare Rock/Sand/Clay	326	89	7	23	80		
Deciduous Forest	21,903	22,180	24,243	7,424	6,506		
Developed Open Space	1,069	1,898	2,289	1,346	685		
Emergent Herbaceous Wetlands	1	13	19	35			
Evergreen Forest	9,834	1,775	1,948	589	616		
Grassland/Herbaceous	3,229	1,281	1,111	389	485		
High Intensity Development	28	55	4	14	27		
Low Intensity Development	547	588	661	285	599		
Medium Intensity Development	113	150	114	71	98		
Mixed Forest	3,168	1,930	2,517	1,009	564		
Open Water	18	95	88	195	28		
Pasture/Hay	2,526	7,967	9,197	5,373	1,616		
Row Crops	392	1,257	1,879	1,005	258		
Shrub/Scrub	1,636	722	1,268	709	415		
Woody Wetlands	48	234	421	842	76		
Total	44,838	40,234	45,766	19,309	12,053		

Table A4-1b.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)			
	0301	0302	0303	
Bare Rock/Sand/Clay	101	1	6	
Deciduous Forest	28,562	7,377	19,234	
Developed Open Space	836	193	1,051	
Emergent Herbaceous Wetlands	3	2		
Evergreen Forest	3,169	545	2,420	
Grassland/Herbaceous	1,478	401	1,140	
High Intensity Development	4		4	
Low Intensity Development	137	126	236	
Medium Intensity Development	32	10	9	
Mixed Forest	2,832	674	1,951	
Open Water	30		16	
Pasture/Hay	1,844	495	3,533	
Row Crops	347	130	997	
Shrub/Scrub	2,494	143	1,264	
Woody Wetlands	46	8	239	
Total	41,915	10,105	32,100	

Table A4-1c.

Tables A4-1a-c. Land Use Distribution in the Sequatchie 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
03570650	Sequatchie River	060200040105				
03571000	Sequatchie River	060200040202	402.00	29.29	32.15	26.74
03571500	Little Sequatchie River	060200040303				

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

AGENCY	STATION	LOCATION	HUC 12
TDEC	GCOVE001.1CU	Grassy Cove Creek	060200040101
TDEC	BROWN000.9BL	Browns Creek @ RM 0.9	060200040102
TDEC	ECO68B09	Mill Branch	060200040102
TDEC	SEQUA109.0CU	Sequatchie River @ RM 109.0	060200040102
TVA	475791	Sequatchie River @ RM 80.3	060200040103
TDEC	CSCOV000.5BL	Cold Spring Cove Branch @ RM 0.5	060200040103
EPA Environmental Resource Lab	2C077024L	Crystal Creek	060200040104
EPA Environmental Resource Lab	2C077024U	Crystal Creek	060200040104
TDEC	CRYST1T0.2BL	UT @ RM 0.2 to Crystal Creek	060200040104
TDEC	CRYST2T0.4BL	UT @ RM 0.4 to Crystal Creek	060200040104
TDEC	ECO68B01	Crystal Creek	060200040104
TDEC	ROARI000.2RH	Roaring Creek @ RM 0.2	060200040104
EPA Environmental Resource Lab	2C077023L	Cannon Creek	060200040105
EPA Environmental Resource Lab	2C077023U	Cannon Creek	060200040105
TVA	476068	McWilliams Creek @ RM 0.40	060200040105
TVA	476069	McWilliams Creek @ RM 3.86	060200040105
TVA	477476	Sequatchie River @ RM 51.2	060200040105
TVA	477677	McWilliams Creek	060200040105
TVA	477678	McWilliams Creek	060200040105
TVA	477680	Sequatchie River @ RM 56.3	060200040105
TDEC	AUSTI000.2BL	Austin Branch @ RM 0.2	060200040105
TDEC	BOWMA000.4BL	Bowman Branch @ RM 0.4	060200040105
TDEC	CANNO000.3BL	Cannon Creek @ RM 0.3	060200040105
TDEC	CLARK000.0BL	Clark Creek	060200040105
TDEC	ECO68B02	McWilliams Creek	060200040105
EPA Environmental Resource Lab	2C077022L	Glady Fork	060200040106
EPA Environmental Resource Lab	2C077022U	Glady Fork	060200040106
TVA	476066	Big Brush Creek @ RM 2.40	060200040106
TVA	476067	Big Brush Creek @ RM 4.18	060200040106
TVA	477676	Horn Branch	060200040106
TVA	477679	Reynolds Creek	060200040106
TVA	477682	Big Brush Creek	060200040106
TDEC	BBRUS001.9SE	Big Brush Creek @ RM 1.9	060200040106
TDEC	BBRUS012.3SE	Big Brush Creek @ RM 12.3	060200040106
TDEC	BBRUS014.0SE	Big Brush Creek @ RM 14.0	060200040106
TDEC	BBRUS016.2SE	Big Brush Creek @ RM 16.2	060200040106
TDEC	BBRUS017.0SE	Big Brush Creek @ RM 17.0	060200040106

Table A4-4a.

AGENCY	STATION	LOCATION	HUC 12
TDEC	BBRUS018.0SE	Big Brush Creek @ RM 18.0	060200040106
TDEC	BBRUS018.1SE	Big Brush Creek @ RM 18.1	060200040106
TDEC	BIGBRUSH014.0	Big Brush Creek @ RM 14.0	060200040106
TDEC	GLADY001.4SE	Glady Fork @ RM 1.4	060200040106
TDEC	GLADY1T0.1SE	UT @ RM 0.1 to Glady Fork	060200040106
EPA National Aquatic Resource Survey	OWW04440-0174	Long Fork	060200040106
TVA	475790	Sequatchie River @ RM 44.7	060200040201
TVA	477449	Sequatchie River @ RM 41.65	060200040201
TVA	477450	Sequatchie River @ RM 37.95	060200040201
TVA	477451	Sequatchie River @ RM 35.6	060200040201
TDEC	AMILL000.4SE	Anderson Mill Creek @ RM 0.4	060200040201
TDEC	COOPS000.7SE	Coops Creek @ 0.7	060200040201
TDEC	WOODC006.1SE	Woodcock Creek @ RM 6.1	060200040201
TDEC	WOODC1T0.2SE	UT to Woodcock Creek	060200040201
Office of Surface Mining	4715301S01	UT to Kelly Creek	060200040202
TVA	475789	Sequatchie River @ RM 25.1	060200040202
TVA	476043	Sequatchie River @ RM 23.1	060200040202
TDEC	CCAVE000.2SE	Cookston Cave Creek @ RM 0.2	060200040202
TDEC	DANIE000.5MI	Daniel Creek @ RM 0.5	060200040202
TDEC	2375	Sequatchie River @ RM 6.3	060200040203
TVA	475355	Sequatchie River @ RM 0.01	060200040203
TVA	475887	Sequatchie River @ RM 0.6	060200040203
TVA	476986	Sequatchie River @ RM 7.0	060200040203
TVA	477026	Sequatchie River @ RM 7.1	060200040203
TVA	477057	Sequatchie River @ RM 0.2	060200040203
TVA	477177	Sequatchie River @ RM 6.3	060200040203
TVA	477525	Sequatchie River @ RM 6.9	060200040203
Office of Surface Mining	4706101S01	UT to Denny Cove Creek	060200040301
Office of Surface Mining	4706101S02	UT to Denny Cove Creek	060200040301
Office of Surface Mining	4711501S01	Bee Branch	060200040301
TDEC	GRAYSCRIS01	Grays Creek @ RM 4.4	060200040301
TDEC	GRAYSCRIS02	Grays Creek @ RM 5.4	060200040301
Office of Surface Mining	4711501S02	Johns Branch	060200040302
TVA	475371	Tennessee River @ RM 431.5	060200040303
TVA	475792	Little Sequatchie River @ RM 4.9	060200040303
TDEC	CSPRI001.0MI	Clear Spring Branch @ RM 1.0	060200040303

Table A4-4b.

Tables A4-4a-b. STORET Water Quality Monitoring Stations in the Sequatchie River Watershed. TDECWPC, Tennessee Department of Environment and Conservation Division of Water Pollution Control; UT, Unnamed Tributary.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NR0601.088	Bledsoe	Minor Road Crossings	Flatwood Branch	060200040103
NRS02.480	Bledsoe	Proposed Gas Pipeline	Sequatchie River, Skillern Creek, Cove Branch, & Hall Creek	060200040103
NR0701.016	Sequatchie	Stream Crossing	UT to Sequatchie River	060200040105
NRS02.452	Van Buren	Culvert Extension	Rocky River	060200040106
NRS02.452C	Van Buren	Culvert Extension	Wetland	060200040106
NRS02.452D	Van Buren	Culvert Extension	Glady Fork Creek	060200040106
NRS06.022	Sequatchie	Pond Construction	Glady Fork	060200040106
NRS02.452B	Van Buren	Culvert Extension	Samples Fork	060200040201
NRS03.095	Sequatchie	Bridges and Approaches	Coops Creek	060200040201
NRS06.175	Marion	Stream Encapsulation	UT to Sequatchie River	060200040202
NRS06.175b	Marion	Stream Encapsulation	UT to Sequatchie River	060200040202
NRS06.175c	Marion	Stream Encapsulation	UT	060200040202
NRS06.175d	Marion	Stream Encapsulation	UT	060200040202
NRS06.175e	Marion	Stream Encapsulation	UT	060200040202
NRS02.425	Marion	Water Line Crossing	Sequatchie River, Standifer Branch, & UTs	060200040204

Table A4-5. ARAPs (Aquatic Resource Alteration Permit) issued June 20002 through June 2007 in the Sequatchie River Watershed. UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	COUNTY	LIVESTOCK	WATERBODY	HUC-12
TNA000050	A & L Farms - South	Marion	Poultry	Looney's Creek to Sequatchie River	060200040202
TNA000061	B & W Taylor Farms	Marion	Poultry	Sequatchie River	060200040202
TNA000062	Hudson Poultry Farm	Marion	Poultry	UT & Grayson Branch to Sequatchie River	060200040202
TNA000075	A & L Farm	Marion	Poultry	UT to Looneys Creek to Sequatchie River	060200040202
TNA000181	Steven O'Neal	Marion	Poultry	Sequatchie River	060200040202
TNA000209	Thomas E. Richards	Marion	Poultry	UT to Sequatchie River	060200040202
TNA000215	Greg Taylor Poultry Farm	Marion	Poultry	UT to Sequatchie River	060200040203

Table A4-6. CAFO (Concentrated Animal Feed Operation) Permittees in the Sequatchie River Watershed. UT, Unnamed Tributary

NR110872 Bledsoe	PERMIT NUMBER	COUNTY	PERMITTEE:DESCRIPTION	AREA	WATERYBODY	HUC-12
TNR110872 Bledsoe Building and Parking Area 1.25 Sequatchie River 060200040103 TNR111042 Bledsoe Water Line Installation 5.00 Sequatchie River 060200040103 TNR111048 Bledsoe Hawk's Bluff Subdivision 2.00 Cane Creek 060200040103 TNR111048 Bledsoe Hawk's Bluff Subdivision 2.00 Cane Creek 060200040103 TNR111047 Sequatchie Water Line Extension 40.00 UTs 060200040105 TNR110810 Sequatchie Wolford Development, Inc.: Wal Mart 16.75 Big Brush Creek 060200040106 TNR110836 Sequatchie Wal Mart 16.75 Big Brush Creek 060200040106 TNR110931 Sequatchie Rusty Grant: Grant Farm 4.00 Big Brush Creek 060200040106 TNR110980 Sequatchie Cooperative Response Center, Inc.: Cooperative Response Center, Inc.: Sequatchie 060200040106 TNR111283 Sequatchie TVA: Switching Station 50.00 Big Brush Creek 060200040106 T	HOMBER	0001111		7111271		1100 12
TNR111042 Bledsoe Water Line Installation 5.00 Sequatchie River 060200040103 TNR111048 Bledsoe Hawk's Bluff Subdivision 2.00 Cane Creek 060200040103 TNR111237 Sequatchie Water Line Extension 40.00 UTs 060200040105 TNR110810 Sequatchie Wolford Development, Inc.: Wall Mart 16.75 Big Brush Creek 060200040106 TNR110836 Sequatchie Wolford Development Inc.: Wall Mart 16.75 Big Brush Creek 060200040106 TNR110931 Sequatchie Rusty Grant: Grant Farm 4.00 Big Brush Creek 060200040106 TNR110980 Sequatchie Cooperative Response Center 2.62 Big Brush Creek 060200040106 TNR111283 Sequatchie James Mosley: Brush Creek 50.00 Big Brush Creek 060200040106 TNR111283 Sequatchie TVA: Switching Station 50.00 Big Brush Creek 060200040106 TNR1111271 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 <td>TNR110872</td> <td>Bledsoe</td> <td>,</td> <td>1.25</td> <td></td> <td>060200040103</td>	TNR110872	Bledsoe	,	1.25		060200040103
TNR111048 Bledsoe			North Bledsoe Utility District:		UT to	
TNR111048 Bledsoe Hawk's Bluff Subdivision 2.00 Cane Creek 060200040103 City of Dunlap: Sequatchie River & UTs 060200040105 TNR111237 Sequatchie Water Line Extension 40.00 UTs 060200040105 TNR110810 Sequatchie Wal Mart 16.75 Big Brush Creek 060200040106 TNR110836 Sequatchie Wal Mart 16.75 Big Brush Creek 060200040106 TNR110931 Sequatchie Rusty Grant: Grant Farm 4.00 Big Brush Creek 060200040106 TNR110980 Sequatchie Cooperative Response Center, Inc.: Cooperative Response Center 2.62 Big Brush Creek 060200040106 TNR111283 Sequatchie Acres Subdivision 50.00 Big Brush Creek 060200040106 TNR110989 Sequatchie TVA: Switching Station 3.00 Little Brush Creek 060200040106 TNR111015 Sequatchie Education: School Renovations 2.75 Cordell Lane Branch 060200040101 TNR111271 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 TNR1110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School 10.00 Sequatchie River 060200040203	TNR111042	Bledsoe	Water Line Installation	5.00		060200040103
TNR111237 Sequatchie Water Line Extension 40.00 UTs 060200040105 TNR110810 Sequatchie Wolford Development, Inc.: Wal Mart 16.75 Big Brush Creek 060200040106 TNR110836 Sequatchie Wal Mart 16.75 Big Brush Creek 060200040106 TNR110931 Sequatchie Rusty Grant: Grant Farm 4.00 Big Brush Creek 060200040106 TNR110980 Sequatchie Cooperative Response Center, Inc.: Cooperative Response Center 2.62 Big Brush Creek 060200040106 TNR111283 Sequatchie Acres Subdivision 50.00 Big Brush Creek 060200040106 TNR190589 Sequatchie TVA: Switching Station 3.00 Little Brush Creek 060200040106 TNR111015 Sequatchie Education: School Renovations 2.75 Cordell Lane Branch 060200040201 TNR111247 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 TNR1110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202	TNR111048	Bledsoe		2.00	Glade Creek, &	060200040103
TNR110810 Sequatchie Wal Mart Uniford Development Inc.: TNR110836 Sequatchie Wal Mart 16.75 Big Brush Creek 060200040106 TNR110931 Sequatchie Rusty Grant: Grant Farm 4.00 Big Brush Creek 060200040106 TNR110980 Sequatchie Cooperative Response Center, Inc.: Cooperative Response Center 2.62 Big Brush Creek 060200040106 TNR111283 Sequatchie Acres Subdivision 50.00 Big Brush Creek 060200040106 TNR190589 Sequatchie TVA: Switching Station 3.00 Little Brush Creek 060200040106 TNR111015 Sequatchie Education: School Renovations 2.75 Cordell Lane Branch 060200040201 TNR111271 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR1110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School UT to Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR111237	Sequatchie		40.00		060200040105
TNR110836 Sequatchie Wal Mart 16.75 Big Brush Creek 060200040106 TNR110931 Sequatchie Rusty Grant: Grant Farm 4.00 Big Brush Creek 060200040106 Cooperative Response Center, Inc.: Cooperative Response Center Sequence Se	TNR110810	Sequatchie	Wal Mart	16.75	Big Brush Creek	060200040106
TNR110931 Sequatchie Rusty Grant: Grant Farm 4.00 Big Brush Creek 060200040106 TNR110980 Sequatchie Cooperative Response Center, Inc.: Cooperative Response Center 2.62 Big Brush Creek 060200040106 TNR111283 Sequatchie Acres Subdivision 50.00 Big Brush Creek 060200040106 TNR190589 Sequatchie TVA: Switching Station 3.00 Little Brush Creek 060200040106 TNR111015 Sequatchie County Board of Education: School Renovations 2.75 Cordell Lane Branch 060200040201 TNR111247 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 TNR111271 Sequatchie Outpost Centers, International: Subdivision 16.50 Woodcock Creek 060200040201 TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TND 440000			40.75	D: D O	000000040400
TNR110980 Sequatchie Cooperative Response Center, Inc.: Cooperative Response Center James Mosley: Brush Creek Acres Subdivision TNR190589 Sequatchie TVA: Switching Station TNR111015 Sequatchie Education: School Renovations TNR111247 Sequatchie Gerald Gann: Rivers Edge Estates TNR111271 Sequatchie Subdivision TNR1110772 Marion TNR111134 Hamilton Cooperative Response Center, Inc.: Cooperative Response Center, Inc.: Cooperative Response Center Counters Response Center Counters Rush Creek D60200040106 Sequatchie Sequatchie Geologoodu0106 Sequatchie County Board of Education: School Renovations 2.75 Cordell Lane Branch D60200040201 Sequatchie River D60200040201 16.50 Woodcock Creek D60200040201 UT to Sequatchie River D60200040202 UT to Sequatchie River D60200040202 TNR111134 Hamilton Whitwell Midddle School UT to Sequatchie River D60200040203					•	
TNR110980 Sequatchie Cooperative Response Center 2.62 Big Brush Creek 060200040106 TNR111283 Sequatchie Acres Subdivision 50.00 Big Brush Creek 060200040106 TNR190589 Sequatchie TVA: Switching Station 3.00 Little Brush Creek 060200040106 Sequatchie County Board of Education: School Renovations 2.75 Cordell Lane Branch 060200040201 TNR111247 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR110931	Sequatonie	•	4.00	Big Brush Creek	060200040106
TNR111283 Sequatchie Acres Subdivision 50.00 Big Brush Creek 060200040106 TNR190589 Sequatchie TVA: Switching Station 3.00 Little Brush Creek 060200040106 Sequatchie County Board of Education: School Renovations 2.75 Cordell Lane Branch 060200040201 TNR111247 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR110980	Sequatchie		2.62	Big Brush Creek	060200040106
TNR190589 Sequatchie TVA: Switching Station 3.00 Little Brush Creek 060200040106 Sequatchie County Board of Education: School Renovations 2.75 Cordell Lane Branch 060200040201 TNR111247 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 Marion County Board of Education: UT to Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR111283	Sequatchie		50.00	Big Brush Creek	060200040106
TNR111015 Sequatchie Education: School Renovations 2.75 Cordell Lane Branch 060200040201 TNR111247 Sequatchie Gerald Gann: Rivers Edge Estates 32.00 Sequatchie River 060200040201 Outpost Centers, International: Subdivision 16.50 Woodcock Creek 060200040201 TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 Marion County Board of Education: UT to UT to UT to UT to UT to UT to Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR190589	Sequatchie	TVA: Switching Station	3.00	Little Brush Creek	060200040106
TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR111015	Sequatchie		2.75	Cordell Lane Branch	060200040201
TNR111271 Sequatchie Subdivision 16.50 Woodcock Creek 060200040201 TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 Marion County Board of Education: UT to TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR111247	Sequatchie	Gerald Gann: Rivers Edge Estates	32.00	Sequatchie River	060200040201
TNR110772 Marion Steven O'Neal: Steven O'Neal Farm 4.90 Sequatchie River 060200040202 Marion County Board of Education: UT to Whitwell Midddle School 16.85 Sequatchie River 060200040202 UT to UT to TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR111271	Sequatchie		16.50		060200040201
TNR111134 Hamilton Whitwell Midddle School 16.85 Sequatchie River 060200040202 UT to TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR110772	Marion	Steven O'Neal: Steven O'Neal Farm	4.90	Sequatchie River	060200040202
TNR111288 Marion Greg Taylor: Poultry Farm 4.00 Sequatchie River 060200040203	TNR111134	Hamilton		16.85	Sequatchie River	060200040202
	TNR111288	Marion	Greg Taylor: Poultry Farm	4 00	0	060200040203

Table A4-7. CGPs (Construction General Permit) issued June 2002 through June 2007 in the Sequatchie River Watershed. Area, acres of property associated with construction activity; UT, Unnamed Tributary.

PERMIT					
NUMBER	PERMITTEE	SIC	SIC NAME	WATERBODY	HUC-12
	Bledsoe County				
TN0070000	Hwy. Dept.	4400	Crushed & Broken	UT to	000000040400
TN0070866	(County Quarry)	1422	Limestone	Sequatchie River	060200040103
TN10074004	Dunlap Stone, Inc.	4 400	Crushed & Broken	LIT (01 ''II 0 1	000000040400
TN0071331	(Plant #3)	1422	Limestone	UT to Skillern Creek	060200040103
	TN Consolidated		Bituminaua Caal		
TN0042650	Coal Company (Lamb Gulf #1)	1222	Bituminous Coal Underground Mining	Lamb Creek	060200040105
1140042030	TN Consolidated	1222		Lamb Oreck	000200040103
	Coal Company				
	(Lamb Gulf		Bituminous Coal &		
TN0050181	Rock Disposal)	1221	Lignite Surface Mining	Lamb Creek	060200040105
	Dunlap Stone, Inc.		Construction		
TN0066257	(Plateau Sand Site)	1442	Sand &Gravel	UT to Henson Creek	060200040105
				Glady Fork, WWC to	
	LCC Tennessee, LLC		Bituminous Coal &	Spring Branch, WWC to	
TN0054127	(Glady Fork Mine)	1221	Lignite Surface Mining	UT to Rocky River	060200040106
	LCC Tennessee, LLC				
	(Big Brush Creek Mine		Bituminous Coal &	Glady Fork &	
TN0054151	Areas 1 & 2)	1221	Lignite Surface Mining	Big Brush Creek	060200040106
	LCC Tennessee, LLC		Bituminous Coal &		
TN0062782	(Pine Ridge East Mine)	1221	Lignite Surface Mining	Big Brush Creek	060200040106
	TN Consolidated		Dit Cool		
TN0052922	Coal Company (Mine # 50)	1222	Bituminous Coal Underground Mining	Mosley Creek	060200040201
1110032322	,	1222	i i	Wosiey Creek	000200040201
TN0054054	LCC Tennessee, LLC (Tipple 1)	1221	Bituminous Coal & Lignite Surface Mining	Stone Creek	060200040201
1110034034	i `	1221		Storie Creek	000200040201
TN0065811	Dunlap Stone, Inc. (Quarry #1)	1422	Crushed & Broken Limestone	Johnson Mill Creek	060200040201
1100003611	TN Consolidated	1422	Linestone	Johnson Will Creek	000200040201
	Coal Company		Bituminous Coal		
TN0048887	(Mine #34)	1222	Underground Mining	Hendrix Creek	060200040202
	TN Consolidated		<u> </u>		
	Coal Company				
	(Kelley Creek Rock		Bituminous Coal &		
TN0048992	Disposal Area)	1221	Lignite Surface Mining	Kelley Creek	060200040202
	TN Consolidated				
	Coal Company		Dituminava Caal 9		
TN0049565	(Morganville Rock Disposal Area)	1221	Bituminous Coal & Lignite Surface Mining	Hendrix Creek	060200040202
1140049303	TN Consolidated	1441	Lighte outlace willing	HEHUHA OLEEK	000200040202
	Coal Company				
	(Poor Fork		Bituminous Coal &	Poor Fork &	
TN0050423	Surface Mine 1)	1221	Lignite Surface Mining	Kelley Creek	060200040202
	TN Consolidated			•	
	Coal Company		Bituminous Coal		
TN0051331	(Deep Mine #42)	1222	Underground Mining	Stone Coalbank Creek	060200040202

Table A4-7a.

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	WATERBODY	HUC-12
NUMBER	TN Consolidated	310	SIC NAIVIE	WATERBODT	HUC-12
	Coal Company		Bituminous Coal		
TN0051497	(Mine #45)	1222	Underground Mining	Hendrix Creek	060200040202
1110031491	TN Consolidated	1222		Tieridiix Creek	000200040202
	Coal Company				
	(Daus Mountain		Bituminous Coal & Lignite		
TN0051501	Strip Mine #1)	1221	Surface Mining	Kelley Creek	060200040202
1110031301	TN Consolidated	1221	Surface Milling	Reliey Creek	000200040202
	Coal Company		Bituminous Coal		
TN0051861	(Mine #15)	1222	Underground Mining	Stone Coalbank Creek	060200040202
1140031001	TN Consolidated	1222		Storie Gealbank Greek	000200040202
	Coal Company		Bituminous Coal		
TN0052108	(Mine #23)	1222	Underground Mining	Kelley Creek	060200040202
1140002100	TN Consolidated	1222	Chacigiouna Willing	Treney Greek	000200040202
1	Coal Company		Bituminous Coal & Lignite		
TN0052647	(Mine #41)	1221	Surface Mining	Sourwood Creek	060200040202
11400020-1	TN Consolidated	1221	Curiace Willing	Courwood ereek	0002000+0202
	Coal Company		Bituminous Coal		
TN0052655	(Mine #47)	1222	Underground Mining	Kelley Creek	060200040202
1140002000	TN Consolidated	1222	Chacigiouna Willing	Treney Greek	0002000+0202
	Coal Company		Bituminous Coal & Lignite		
TN0052914	(Kelley Creek #1)	1221	Surface Mining	Kelley Creek	060200040202
1110002011	TN Consolidated	1221	Carrace Willing	Troney Greek	000200010202
	Coal Company		Bituminous Coal	UT to	
TN0053741	(Deep Mine #79)	1222	Underground Mining	Stone Coalbank Creek	060200040202
	TN Consolidated		Bituminous Coal & Lignite		000200010202
	Coal Company	1221	Surface Mining &		
	(Morganville	&	Bituminous Coal		
TN0053929	Strip Mine #2)	1222	Underground Mining	Hendrix Creek	060200040202
	TN Consolidated				
	Coal Company				
	Daus Mountain		Bituminous Coal & Lignite		
TN0054038	Strip Mine #2)	1221	Surface Mining	Kelley Creek	060200040202
	TN Consolidated				
	Coal Company		Bituminous Coal & Lignite		
TN0054321	(Morganville Strip Mine 3)	1221	Surface Mining	Robinson Branch	060200040202
	TN Consolidated				
	Coal Company		Bituminous Coal & Lignite		
TN0054402	(Mines #44 & 52)	1221	Surface Mining	Griffith Creek	060200040202
	TN Consolidated				
	Coal Company		Bituminous Coal & Lignite	Stone Coalbank Ceek	
TN0063002	(Lane Cove Strip Mine 1)	1221	Surface Mining	and Hicks Creek	060200040202
	TN Consolidated				
	Coal Company		Bituminous Coal		
TN0063088	(Mine #46)	1222	Underground Mining	Kelley Creek	060200040202
	TN Consolidated				
	Coal Company		Bituminous Coal		
TN0063410	(Mine #26)	1222	Underground Mining	Griffith Creek	060200040202

Table A4-7b.

PERMIT					
NUMBER	PERMITTEE	SIC	SIC NAME	WATERBODY	HUC-12
	TN Consolidated				
	Coal Company (Kelley Creek		Bituminous Coal & Lignite	Kelley Creek and	
TN0063690	Strip Mine #2)	1221	Surface Mining	Poor Fork	060200040202
	TN Consolidated				
	Coal Company				
	(Morganville		Bituminous Coal & Lignite		
TN0071170	Strip Mine #4)	1221	Surface Mining	Griffith Creek	060200040202
	TN Consolidated				
	Coal Company (Kelley Creek		Bituminous Coal & Lignite		
TN0071935	Strip Mine #3)	1221	Surface Mining	Kelley Creek	060200040202
1110071000	Monteagle Sand, LLC	1221	Carrace willing	Trong Grook	000200010202
	(Sand Processing		Construction		
TN0076228	Plant & Quarry)	1442	Sand & Gravel	UT to Cove Creek	060200040203
	Dunlap Stone, Inc.		Crushed & Broken		
TN0065803	(Quarry #2)	1422	Limestone	Standifer Branch	060200040204
	TN Consolidated		5		
TN0050400	Coal Company	4004	Bituminous Coal & Lignite	UT to Gray's Creek &	000000040004
TN0052132	(Preparation Plant) TN Consolidated	1221	Surface Mining	Gray's Creek	060200040301
	Coal Company				
	(Grays Creek		Bituminous Coal & Lignite		
TN0066371	Strip Mine #1)	1221	Surface Mining	Grays Creek	060200040301
	TN Consolidated				
	Coal Company		Bituminous Coal & Lignite		
TN0070971	(Bearpen Strip Mine #1)	1221	Surface Mining	UT to Laurel Creek	060200040301
	Custom Stone, LLC		Crushed & Broken		
TN0079448	(Lusk Gap Quarry)	1422	Limestone	UT to Bradley Creek	060200040302

Table A4-7c.

Tables A4-7a-c. Permitted Mining Facilities in the Sequatchie River Watershed. SIC, Standard Industrial Code; WWC Wet Weather Conveyance; UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	MADI	WATERBODY	HUC-12
TN0025054	Pikeville STP	4952	Sewerage Systems	Minor	Sequatchie River @ RM 78.4	060200040103
TN0075973	Seymour Tubing, Inc.	3317	Steel Pipes and Tubes	Minor	Little Brush Creek	060200040106
TN0021946	Dunlap STP	4952	Sewerage Systems	Minor	Sequatchie River @ RM 43.9	060200040201
TN0060038	Whitwell Medical Center	4952	Sewerage Systems	Minor	Sequatchie River @ RM 23.0	060200040202
TN0060399	Castle's Coin Laundry	7215	Coin Operated Laundry and Dry Cleaning	Minor	UT @ RM 0.9 to Big Spring Branch @ RM 0.2 to Sequatchie River @ RM 22.1	060200040202
TN0077577	Valley View of Whitwell STP	4952	Sewerage Systems	Minor	Sequatchie River @ RM 23.0	060200040202

Table A4-8. Municipal and Industrial Permittees in the Sequatchie River Watershed. SIC, Standard Industrial Code; MADI, Major Discharge Indicator; UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC_12
TNG110187	Angel Bros. Redi - Mix	UT to Sequatchie River	060200040103
TNG110190	Sequatchie Concrete Service-Dunlap	Brush Creek	060200040106
TNG110319	Tri - State Concrete, LLC	Hall Branch to Little Sequatchie River	060200040303

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

PERMIT NUMBER	PERMITTEE	SECTOR	RECEIVING STREAM	AREA	HUC-12
TNR050108	Eclipse Manufacturing Company	AA	Rockford Branch	10.00	060200040103
TNR050403	Dura Automotive Systems, Inc	AB	Sequatchie River	2.80	060200040103
		7.5	Rocky Branch to		0002000.0.00
TNR051822	Sequatchie Handle Works, Inc.	Α	Sequatchie River	6.55	060200040103
TNR056028	Ault's Used Parts	М	Not Identified	30.00	060200040103
TNR053722	Smurfit-Stone Container Pikeville Wood Yard	А	Rocky Branch	9.00	060200040104
TNR056630	Rolling Frito-Lay Sales, LP Dunlap Bin	Р	Sequatchie River @ RM 55	0.20	060200040105
TNR051604	C & D Technologies, Inc.	AC	Town Creek	2.85	060200040106
TNR053979	Cagle Mountain Stone	J	Hester Branch & Little Brush Creek	55.00	060200040106
TNR054471	Brush Creek Stone	J	Big Brush Creek	25.00	060200040106
TNR054219	Dunlap Machine Shop	AB	Coops Creek	0.14	060200040201
TNR050832	Marion County Landfill	L	Tennessee River @ RM 422	2.11	060200040203
TNR051482	Sequatchie Valley Folding	В	Guntersville Lake	23.00	060200040203
TNR053235	Marion County Brown Field	S	Sequatchie River & Tennessee River	0.20	060200040203
TNR053531	O'Neil Color & Compounding Corporation	С	UT to Sequatchie River	7.50	060200040203
TNR056563	Owen Barnes	М	Sequatchie River	6.00	060200040203
TNR056624	Rolling Frito-Lay Sales, LP Jasper Bin	Р	UT to Sequatchie River	0.10	060200040203
TNR056724	Universal Form Clamp	AA	UT to Tennessee River (Guntersville Reservoir)	5.00	060200040203
TNR053080	United States Steel Corporation	Н	UT to Sequatchie River & Little Sequatchie River	1.88	060200040302
TNR056786	Link Handle Division Seymour Manufacturing	A	Owens Spring Branch to Little Sequatchie River	11.50	060200040303

Table A4-10. TMSPs (Tennessee Multi Sector Permit) issued in the Sequatchie River Watershed. Area, acres of property associated with industrial activity; UT Unnamed Tributary. See Table A4-12 for Sector Details.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC-12
TN0078581	Pikeville Water Treatment Plant	Unnamed Ditch to Sequatchie River	060200040103
TN0078921	Whitwell Water Plant	Sequatchie River @ RM 23	060200040202

Table A4-11. WTP (Water Treatment Plant) Permittees in the Sequatchie River Watershed.

SECTOR	TMSP SECTOR NAME			
Α	Timber Products Facilities			
	Facilities That Manufacture Metal Products including Jewelry, Silverware			
AA	and Plated Ware			
	Facilities That Manufacture Transportation Equipment, Industrial			
AB	or Commercial Machinery			
	Facilities That Manufacture Electronic and Electrical Equipment and Components,			
AC	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)			
В	Paper and Allied Products Manufacturing Facilities			
С	Chemical and Allied Products Manufacturing Facilities			
D	Asphalt Paving, Roofing Materials, and Lubricant Manufacturing Facilities			
Е	Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing Facilities			
F	Primary Metals Facilities			
G	Metal Mines (Ore Mining and Dressing) (RESERVED)			
Н	Inactive Coal Mines and Inactive Coal Mining-Related Facilities			
I	Oil or Gas Extraction Facilities			
	Construction Sand and Gravel Mining and Processing and Dimension Stone Mining			
J	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			
0	Steam Electric Power Generating Facilities			
	Vehicle Maintenance or Equipment Cleaning areas at Motor Freight Transportation			
_	Facilities, Passenger Transportation Facilities, Petroleum Bulk Oil Stations and			
P	Terminals, the United States Postal Service, or Railroad Transportation Facilities			
	Vehicle Maintenance Areas and Equipment Cleaning Areas of			
Q	Water Transportation Facilities			
R	Ship or Boat Building and Repair Yards			
	Vehicle Maintenance Areas, Equipment Cleaning Areas or From Airport Deicing			
S	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 A4-12. TMSP Sectors and Descriptions.