

APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0501	0502	0503	0504	0505
Bare Rock/Sand/Clay	62	40	3	75	1
Deciduous Forest	6,206	11,801	1,236	6,978	6,516
Developed Open Space	2,502	9,015	1,833	1,242	676
Emergent Herbaceous Wetlands	23	21	1	3	2
Evergreen Forest	1,043	893	45	380	440
Grassland/Herbaceous	270	156	18	123	559
High Intensity Development	37	1,945	835	192	
Low Intensity Development	1,428	6,293	2,607	930	10
Medium Intensity Development	141	2,790	1,314	314	4
Mixed Forest	2,934	2,198	298	842	96
Open Water	5,700	2,574	58	49	18
Pasture/Hay	1,079	1,336	64	225	5,968
Row Crops	94	195	3	21	556
Shrub/Scrub	623	440	28	175	
Woody Wetlands	139	223	236	214	
Total	22,281	39,920	8,579	11,764	14,846

Table A4-1a.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0506	0507	0701	0702	0801
Bare Rock/Sand/Clay	39	114	201	24	2
Deciduous Forest	27,944	16,086	22,409	14,412	913
Developed Open Space	554	1,021	628	6,462	183
Emergent Herbaceous Wetlands	13	8			
Evergreen Forest	1,659	3,085	7,236	1,841	263
Grassland/Herbaceous	199	199	1,054	495	89
High Intensity Development		7		393	
Low Intensity Development	60	508	104	4,109	6
Medium Intensity Development	34	52	4	704	3
Mixed Forest	2,389	2,673	5,417	3,313	609
Open Water	2,690	5,209	56	36	10
Pasture/Hay	376	596	1,264	3,750	1,553
Row Crops	83	90	88	305	199
Shrub/Scrub	363	493	1,032	523	142
Woody Wetlands	130	83	39	727	12
Total	36,533	30,225	39,533	37,093	3,984

Table A4-1b.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)		
	0802	0803	0804
Bare Rock/Sand/Clay		1	29
Deciduous Forest	2,393	226	4,793
Developed Open Space	1,123	2,487	8,733
Emergent Herbaceous Wetlands			27
Evergreen Forest	487	112	1,449
Grassland/Herbaceous	90	8	409
High Intensity Development		324	1,264
Low Intensity Development	876	2,678	7,105
Medium Intensity Development	18	488	2,497
Mixed Forest	1,217	241	3,230
Open Water	1	15	206
Pasture/Hay	1,542	70	1,627
Row Crops	152	2	160
Shrub/Scrub	233	21	1,046
Woody Wetlands	28	106	280
Total	8,160	6,778	32,856

Table A4-1c.

Tables A4-1a-c. Land Use Distribution in the Lower Tennessee River Watershed by HUC-12. Data are from 1992 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	HUC 10	STREAM	AREA (MI ²)	DAILY FLOW			3Q2	1Q10	3Q10	7Q10	3Q20
				AVG	MAX	MIN					
3568000	0602000105	Tennessee River	21400	36730.5	361000.0	1200.0	12928.8	5770.0	8173.2	10048.0	7137.3
3568500	0602000105	Chattanooga Creek	50.60	na	na	na	5.5	2.8	2.3	3.0	2.3

Table A4-3. Stream Flow Data from USGS Gaging Stations in the Lower Tennessee River Watershed. Data are in cubic feet per second (CFS). Data were obtained from the USGS web application StreamStats at <http://water.usgs.gov/osw/streamstats>. (na, data not available)

AGENCY	STATION	LOCATION	HUC-12
TDECWPC	TENNE477.0HM	Tennessee River @ RM 477.0	060200010501
TDECWPC	WACON000.0HM	Waconda Creek @ RM 0.0	060200010501
TDECWPC	WOLFT004.2HM	Wolftever Creek @ RM 4.2	060200010501
11NPSWRD	CHCH_HHH_LMC	Lookout Mountain Cave	060200010502
11NPSWRD	CHCH_HHH_MF	Mystery Falls	060200010502
11NPSWRD	CHCH_NURE_03	Tnhm504r	060200010502
TDECWPC	CITIC1T0.3HM	UT to Citico Creek @ RM 0.3	060200010502
TDECWPC	CITIC1T0.6HM	UT to Citico Creek @ RM 0.6	060200010502
TDECWPC	CITIC1T0.8HM	UT to Citico Creek @ RM 0.8	060200010502
TDECWPC	CITIC1T0.9HM	UT to Citico Creek @ RM 0.9	060200010502
TDECWPC	CITIC1T1.2HM	UT to Citico Creek @ RM 1.2	060200010502
TDECWPC	CITIC2T0.0HM	UT to Citico Creek @ RM 0.0	060200010502
TDECWPC	CITIC3T0.1HM	UT to Citico Creek @ RM 0.1	060200010502
TDECWPC	CITIC3T0.7HM	UT to Citico Creek @ RM 0.7	060200010502
TDECWPC	CITIC4T0.5HM	UT to Citico Creek @ RM 0.5	060200010502
TDECWPC	CITIC5T0.1HM	UT to Citico Creek @ RM 0.1	060200010502
TDECWPC	CITIC6T0.1HM	UT to Citico Creek @ RM 0.1	060200010502
TDECWPC	CHATT000.9HM	Chattanooga Creek @ RM 0.9	060200010503
11NPSWRD	CHCH_NURE_25	Tnhm567r	060200010503
TDECWPC	DOBBS000.3HM	Dobbs Branch @ RM 0.3	060200010503
11NPSWRD	CHCH_HHH_BP1	Battlefield Pit #1	060200010504
11NPSWRD	CHCH_HHH_BP2	Battlefield Pit #2	060200010504
11NPSWRD	CHCH_HHH_RBP	Red Barrel Pit	060200010504
11NPSWRD	CHCH_HHH_TSC	Twenty-Seven Spider Cave	060200010504
11NPSWRD	CHCH_NURE_01	Tnhm502r	060200010504
11NPSWRD	CHCH_NURE_02	Tnhm503r	060200010504
11NPSWRD	CHCH_NURE_27	Tnhm501r	060200010504
11NPSWRD	CHCH_NURE_13	Tnmr508r	060200010505
TDECWPC	NSUCK000.1MI	North Suck Creek @ RM 0.1	060200010505
11NPSWRD	CHCH_NURE_10	Tnmr502r	060200010506
11NPSWRD	CHCH_NURE_11	Tnmr504r	060200010506
11NPSWRD	CHCH_NURE_12	Tnmr506r	060200010506
11NPSWRD	CHCH_NURE_14	Tnmr509r	060200010506
11NPSWRD	CHCH_NURE_15	Tnmr511r	060200010506
TDECWPC	ECO68A20	Mullens Creek @ RM 5.0	060200010506
TDECWPC	ECO68C12	Ellis Gap Branch @ RM 0.4	060200010506
TDECWPC	LOOKO002.2HM	Lookout Creek @ RM 2.2	060200010506
TDECWPC	TENNE444.0MI	Tennessee River @ RM 444.0	060200010506
11NPSWRD	CHCH_NURE_09	Tnmr501r	060200010507
11NPSWRD	CHCH_NURE_28	Tnmr557r	060200010507
TDECWPC	BOSTO001.1HM	Boston Branch @ RM 1.1	060200010701

Table A4-4a.

AGENCY	STATION	LOCATION	HUC-12
TDECWPC	CAIN001.5SE	Cain Creek @ RM 1.5	060200010701
TDECWPC	COOPE002.9SE	Cooper Creek @ RM 2.9	060200010701
TDECWPC	MOSSY001.4SE	Mossy Creek @ RM 1.4	060200010701
TDECWPC	MOSSY004.1SE	Mossy Creek @ RM 4.1	060200010701
TDECWPC	NCHIC019.3HM	North Chickamauga Creek @ RM 19.3	060200010701
TDECWPC	NCHIC028.1HM	North Chickamauga Creek @ RM 28.1	060200010701
TDECWPC	ROGER000.9HM	Rogers Creek @ RM 0.9	060200010701
11NPSWRD	CHCH_NURE_04	Tnhm507r	060200010702
11NPSWRD	CHCH_NURE_05	Tnhm509r	060200010702
11NPSWRD	CHCH_NURE_06	Tnhm510r	060200010702
TDECWPC	NCHIC012.4HM	North Chickamauga Creek @ RM 12.4	060200010702
TDECWPC	SCHIC000.4HM	South Chickamauga Creek @ RM 0.4	060200010702
11NPSWRD	CHCH_NURE_26	Tnhm513r	060200010802
TDECWPC	WCHIC001.7HM	West Chickamauga Creek @ RM 1.7	060200010803
11NPSWRD	CHCH_NURE_07	Tnhm512r	060200010804
11NPSWRD	CHCH_NURE_17	Tnhm566r	060200010804
TDECWPC	SCHIC015.8HM	South Chickamauga Creek @ RM 15.8	060200010804
11NPSWRD	CHCH_HHH_HHC	Ha-Ha Cave	Georgia
11NPSWRD	CHCH_HHH_SS	Skyuka Spring	Georgia
11NPSWRD	CHCH_NURE_18	Gacs517r	Georgia
11NPSWRD	CHCH_NURE_19	Gacs523r	Georgia
11NPSWRD	CHCH_NURE_20	Gacs530r	Georgia
11NPSWRD	CHCH_NURE_21	Gada504r	Georgia
11NPSWRD	CHCH_NURE_22	Gada520r	Georgia
11NPSWRD	CHCH_NURE_23	Gawa530r	Georgia
11NPSWRD	CHCH_NURE_24	Gawa554r	Georgia
11NPSWRD	CHCH_NURE_29	Gacs505r	Georgia
11NPSWRD	LIRI_ALGS_D-2	White Sulphur Spring (Spring # D-E)	Georgia
11NPSWRD	LIRI_ALGS_D-6	Morgan Spring (Spring # D-6)	Georgia
11NPSWRD	LIRI_ALGS_J-1	Kaolin Spring (Spring # J-1)	Georgia
11NPSWRD	LIRI_ALGS_J-3	Phillips Spring (Spring # J-3)	Georgia
11NPSWRD	LIRI_ALGS_J-4	Gifford Spring (Spring # J-4)	Georgia
11NPSWRD	LIRI_NURE_5	Aldk524r	Georgia

Table A4-4b.

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

FACILITY NUMBER	FACILITY NAME	SIC	SIC NAME	MADI	WATERBODY	HUC-12
TN0057215	Harrison Bay State Park	4952	Sewerage System	Minor	Tennessee River @ RM 479.5	060200010501
TN0064840	Booker T. Washington State Park	7999	Amusement or Recreation Services	Minor	Tennessee River @ RM 473.5	060200010501
TN0077682	Hidden Harbor Swimming Pool	7997 7999	Membership Sports and recreation Club	Minor	Tennessee River @ RM 476	060200010501
TN0001830	Signal Mountain Cement Company	3241	Cement Hydraulic	Minor	Tennessee River @ RM 454.5	060200010502
TN0002429	U.S. Pipe and Foundry	3321	Gray and Ductile Iron Foundry	Minor	Tennessee River @ RM 461.3	060200010502
TN0002453	R.L. Stowe Mills, Inc.	2281	Yarn Spinning Mills	Minor	Tennessee River @ RM 469.3	060200010502
TN0021211	Hamilton County WWTP	4952	Sewerage System	Minor	Tennessee River @ RM 453.7	060200010502
TN0024210	Chattanooga Moccasin Bend WWTP	4952	Sewerage System	Major	Tennessee River @ RM 457.8	060200010502
TN0027413	TVA-Chickamauga Hydro Plant	4911	Electric Services	Minor	Tennessee River @ RM 471	060200010502
TN0002844	Artiva Specialties	2821	Plastics Material Synthetic Resins	Major	Tennessee River @ RM 469.9, Wetland, WWC to Tennessee River @ RM 469.7, and UT to North Chickamauga Creek	060200010502
TN0002861	BASF Corporation	2822	Synthetic Rubber	Minor	Tennessee River @ RM 469	060200010502
TN0041866	Ergon Terminating, Inc.	4226	Special Warehousing and Storage	Minor	Tennessee River @ RM 456.4 and @ RM 456.0	060200010502
TN0004707	Vulcan Construction Materials	1422	Crushed and Broken Limestone	Minor	Tennessee River @ RM 463.2	060200010502
TN0056880	Parman Lubricants	5171	Petroleum Bulk Station and Terminal	Minor	Citico Creek @ RM 1.9	060200010502
TN0057312	Chattanooga Gas Co. Liquefied Natural Gas	4925	Mixed, Manufacturing, or Liquefied Petroleum Gas Products and Distribution	Minor	WWC to Citico Creek @ RM 3.2	060200010502
TN0064581	NA Industries, Inc.	2869	Industrial Organic Chemicals	Minor	Tennessee River @ RM 467.2	060200010502
TN0067491	Top Flight, Incorporated	2678	Stationary, Tablets, and related Products	Minor	Dobbs Branch @ RM 0.3	060200010502

Table A4-5a.

FACILITY NUMBER	FACILITY NAME	SIC	SIC NAME	MADI	WATERBODY	HUC-12
TN0073491	Norfolk Southern Railway	4011	Local and Suburban Transit	Minor	Citico Creek and UT to Citico Creek	060200010502
TN0002780	Chattanooga Chemicals	2833 2834 2819 2869	Medicinal Chemicals and Botanicals	Minor	Chattanooga Creek @ RM 0.3	060200010503
TN0067598	Hunter Oil Company	5171	Petroleum Bulk Station and Terminal	Minor	UT @ RM 0.4 to Dobbs Creek	060200010503
TN0002798	Alco Chemical (National Starch and Chemical Co.)	2821 2879	Plastics, Synthetic Resins, and Nonvulcanizable Elastomers. Pesticides and Agricultural Chemicals	Minor	South Chickamauga Creek @ RM 0.6	060200010804
TN0022438	Citgo Petroleum Corp.	5171	Heating Oil, LP Gas, and Petroleum Storage and Sales		UT @ RM 0.6 to Friar Branch @ RM 2.3	060200010804
TN0073041	Chevron Products Co.	5171	Heating Oil, LP Gas, and Petroleum Storage and Sales	Minor	UT to Friar Branch @ RM 2.3	060200010804
TN0073237	W.R. Grace and Company	2819	Activated Carbon and Charcoal, Alumina, Inorganic Dyes, Industrial Inorganic Chemicals	Minor	South Chickamauga Creek @ RM1.2	060200010804

Table A4-5b.

Tables A4-5a-b. NPDES Permittees in the Lower Tennessee River Watershed. SIC, Standard Industrial Classification; MADI, Major Discharge Indicator; UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

FACILITY NUMBER	FACILITY NAME	SIC	SIC NAME	MADI	WATERBODY	HUC-12
TNHA78026	Windward Pointe Subdivision	0782	Lawn and Garden Service	Minor	Chickamauga Lake (Tennessee River @ RM 473)	060200010501

Table A4-6. NPDES Permittees (for Herbicide Application) in the Lower Tennessee River Watershed. SIC, Standard Industrial Classification; MADI, Major Discharge Indicator; UT, Unnamed Tributary.

FACILITY NUMBER	PERMITEE	WATERBODY	HUC-12
TN0068454	Eastside Utility District STP	Chickamauga Reservoir	060200010501

Table A4-7. Water Treatment Plants in the Lower Tennessee River Watershed.

FACILITY NUMBER	PERMITEE	SIC	SIC NAME	WATERBODY	HUC-12
TN0066460	Signal Mountain Cement Co. Area #1	1459	Clay, Ceramics and Refractory Minerals	UT to Tennessee River	060200010502
TN0022764	Old Castle Materials SE SRM Aggregates	1422	Crushed and Broken Limestone	Lookout Creek	060200010504
TN0071480	Big Fork Mining Company (Area #15)	1459	Clay, Ceramics and Refractory Minerals	North Suck Creek	060200010505
TN0001821	Signal Mountain Cement Co. Bennett's lake Quarry	1422	Crushed and Broken Limestone	Tennessee River	060200010507
TN0053341	TN Consolidated Cement Co. River Dock	1221	Bituminous Coal and Lignite Surface Mining	Tennessee River	060200010507
TN0003077	Vulcan Construction Materials	1422	Crushed and Broken Limestone	South Chickamauga Creek, Friar Branch	060200010804

Table A4-8. Active Permitted Mining Sites in the Lower Tennessee River Watershed. SIC, Standard Industrial Classification; UT, Unnamed Tributary.

FACILITY NUMBER	FACILITY NAME	WATERBODY	HUC-12
TNG110048	C.B.S. Ready-Mix	WWC to Tennessee River	060200010502
TNG110110	M&M Ready Mix Concrete	UT to North Chickamauga Creek	060200010702
TNG110135	Vulcan Construction Materials	UT to Tennessee River @ RM 463.7	060200010502
TNG110196	P&S Ready Mix Concrete	Poe Branch to North Chickamauga Creek @ RM 16.6	060200010702
TNG110233	Chattanooga Ready-Mix	Citico Creek	060200010502
TNG110255	BHY Ready-Mix	Dobbs Branch	060200010502
TNG110278	Sequatchie Concrete	Chattanooga Creek	060200010503

Table A4-9. Ready Mix Concrete Plants in the Lower Tennessee River Watershed. UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

LOG NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS01.180	Hamilton		UT to Tennessee River @ RM 475	060200010501
NRS01.416	Hamilton	Boat Dock Construction	Tennessee River	060200010501
NRS03.402	Hamilton	Dredging and Sand bar Removal	Tennessee River	060200010501
NRS01.325	Hamilton	Bridge and Approach	Citico Creek	060200010502
NRS02.368	Hamilton	Stream Crossing	Mountain Creek	060200010502
NRS02.368B	Hamilton		UT to Stringers Branch	060200010502
NRS02.368C	Hamilton		Stringers Branch	060200010502
NRS02.368D	Hamilton		Stringers Branch	060200010502
NRS02.392	Hamilton	New Lock at Chickamauga Dam	Tennessee River	060200010502
NRS02.456	Hamilton	Modify City Waterfront Park	Tennessee River	060200010502
NRS03.148	Hamilton	Bridge Replacement	Stringers Branch	060200010502
NRS03.353	Hamilton	Road Crossing	Flat Creek	060200010502
NRS02.404	Hamilton	Bridge and Approaches	Unnamed Tributary	060200010503
NRS03.231	Hamilton	Relocate Culvert	UT to Chattanooga Creek	060200010503
NRS00.291	Hamilton	Impoundment	UT to Chesnutt Creek	060200010702
NRS00.025	Hamilton	Isolated Wetland Fill	Isolated Wetland	060200010802
NRS03.400	Hamilton	Sewer Line Extension	Hurricane Creek	060200010802
NRS04.060	Hamilton	Road /Wetland Crossing	Friar Branch	060200010802
NRS00.151	Hamilton	Spring Box, French Drain	UT to South Chickamauga Creek	060200010804
NRS00.084	Hamilton	Wetland Fill	UT to Chattanooga Creek	060200010804
NRS01.359	Hamilton	Channel Relocation, Channel Alteration, Culverts	Friar Branch, South Chickamauga Creek	060200010804
NRS01.423	Hamilton	Stream Encapsulation	UT to Friar Branch	060200010804
NRS02.088	Hamilton	Wetland Fill	UT to South Chickamauga Creek	060200010804
NRS02.152	Hamilton	Stream Crossing	Friar Branch	060200010804
NRS03.008	Hamilton		Friar Branch	060200010804
NRS03.021	Hamilton		Poe Branch	060200010804
NRS04.043	Hamilton	Stream/Wetland Fill	Tennessee River	060200010804

Table A4-10. Individual ARAP Permits Issued January 2000 Through June 2004 in the Lower Tennessee River Watershed. UT, Unnamed Tributary.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR053795	Birchwood Pike C and D Landfill	L	UT to Frog Level Branch	44	060200010501
TNR050042	Southern Champion Tray Company	B, P	UT to Tennessee River	15.67	060200010502
TNR050104	Mid-South Terminals	Q	Tennessee River	2	060200010502
TNR050288	Dixie Industries-Columbus Mckinn	AA, AB	South Chickamauga Creek	4.4	060200010502
TNR050374	Sofix Corporation	C	Tennessee River	22	060200010502
TNR050411	Marathon Ashland Petroleum, LLC	P	Tennessee River	16	060200010502
TNR050413	Nu-Foam Products Incorporated	Y	UT to Citico Creek	11	060200010502
TNR050460	Synair Corporation	C	Tennessee River	1	060200010502
TNR050538	CE Metals	N	Tennessee River	3.23	060200010502
TNR050556	Plate Formed Products	AA, P	Tennessee River	45.9	060200010502
TNR050557	Tubular Products Manufacturing	AA, P	Tennessee River	56.1	060200010502
TNR050599	Cannon Equipment Southeast	AA	Citico Creek	33.83	060200010502
TNR050688	Accu Cast Operations	F	Citico Creek	1.4	060200010502
TNR050830	NA Industries, Incorporated	C	Tennessee River	17.7	060200010502
TNR050836	Chattanooga Paperboard Corporation	B	Chattanooga Creek	7.9	060200010502
TNR050924	Industrial Plating Company	AA	UT to Citico Creek	1.29	060200010502
TNR051009	Roadtec	AB, P	Chattanooga Storm Drain to Citico Creek	4	060200010502
TNR051037	BASF Corporation	C	Tennessee River	23	060200010502
TNR051092	Lockwood's Auto Center	M	WWC to Citico Creek	9	060200010502
TNR051336	The PQ Corporation	E	UT to Citico Creek	8.5	060200010502
TNR051464	Wheland Foundry - Broad Street Plant	F	Chattanooga Creek	38.4	060200010502
TNR051492	PSC Metals	N, P	Tennessee River	29.45	060200010502
TNR051493	PSC Metals	N, P	Tennessee River	6.74	060200010502
TNR051500	Ramsey Trucking	P	UT to Tennessee River	5	060200010502
TNR051518	Komatsu America International Company	AB	Unknown	47.3	060200010502
TNR051571	Gaither Machine Works	AB	Tennessee River	0.9	060200010502
TNR051585	Chattanooga Boiler & Tank	AB	Storm Sewer to Tennessee River @ RM 463	4.55	060200010502
TNR051721	Chattanooga Scrap Metal Processors	N	Storm Sewer to Tennessee River	0.5	060200010502
TNR051738	P & J Iron & Metal	N	Unknown	0.3	060200010502
TNR051749	U.S. Pipe and Foundry Company	F	Tennessee River	58	060200010502
TNR051966	Red Bank Landfill	L	Stringers Branch	14	060200010502
TNR051999	Atlanta Terminal Company	P	WWC to Tennessee River	13.4	060200010502
TNR053004	Chattanooga Sand And Gravel	J	Tennessee River	13	060200010502
TNR053023	Sonoco Products Company	B	UT to South Chickamauga Creek	4.1	060200010502
TNR053026	MG Industries	C, P	Ditch to UT to Tennessee River	7	060200010502
TNR053094	Standard Iron	F	Stringers Branch	8.67	060200010502
TNR053159	A-1 Shipley's Waste Oil	N	UT of Citico Creek	0.8	060200010502

Table A4-11a.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR053443	TRANSFLO Terminal Services	P	Tennessee River	10	060200010502
TNR053445	Chattanooga Bakery	U	Tennessee River	9.91	060200010502
TNR053510	Commercial Metals Company	N	UT to Tennessee River	8.5	060200010502
TNR053529	Rock - Tenn Converting Company	B, P	Tennessee River	42	060200010502
TNR053633	PSC Metals	N, P	Tennessee River	4.13	060200010502
TNR053687	Cargill Sweetener Dist. Terminal	P	Ditch to Tennessee River	4.4	060200010502
TNR053700	Chattanooga Wilbert Vault	E	Citico Creek	1.9	060200010502
TNR053715	Geo Specialty Chemicals	C	Tennessee River	9.73	060200010502
TNR053720	R.K. Haskew & Company	AB	Springers Branch	1.56	060200010502
TNR053775	Moccasin Bend WWTP	T	UT to Tennessee River @ RM 457.3	80	060200010502
TNR053858	Herman Grant Company	AB	UT to Springers Branch	20	060200010502
TNR053888	John F. Germ Recycling Center	N	Citico Creek	2.5	060200010502
TNR053934	Roadtec	AB	Tennessee River	12	060200010502
TNR055035	National Posters, Incorporated	X	Tennessee River	8.73	060200010502
TNR055042	Horizon Milling	U	WWC to Tennessee River	6.2	060200010502
TNR055054	Edward W Daniel Company	AA	Tennessee River	6	060200010502
TNR055069	TFS Fabricators	AA	Citico Creek	7.817	060200010502
TNR056505	JIT Terminal	P	Tennessee River	23.89	060200010502
TNR056531	Signal Mountain STP	T	Tennessee River @ RM 543.7	3.59	060200010502
TNR050028	Bunge Foods-Chattanooga Plant	U	UT to Chattanooga Creek	10.8	060200010503
TNR050054	Niagara LaSalle Corporation	F	UT to Chattanooga Creek	6.2	060200010503
TNR050057	Heatec	AB	Chattanooga Creek	7.46	060200010503
TNR050069	Astec-Chattanooga	AB	Chattanooga Creek	6.2	060200010503
TNR050091	Covenant Transport, Incorporated	P	Dobbs Branch	40	060200010503
TNR050289	Dixie Industries	AA, AB	Storm Sewer to Dobbs Branch	1.6	060200010503
TNR050352	Steward	AC, P	Municipal Sewer to UT to Chattanooga Creek	1.8	060200010503
TNR050395	American Colloid Company	E	UT to Chattanooga Creek	1.6	060200010503
TNR050400	ADM/Southern Cellulose Products	B	Chattanooga Creek	15	060200010503
TNR050506	R.L. Stowe Mills	V	Dobbs Branch	7.9	060200010503
TNR050590	Sherman & Reilly, Incorporated	AC	UT to Chattanooga Creek	13	060200010503
TNR050642	Acheson Foundry & Machine Works	F	UT to Tennessee River	3.9	060200010503
TNR050740	Wheland Foundry - St. Elmo Ave. Landfill	L	Chattanooga Creek	6	060200010503
TNR051342	Wheland Foundry - Long St. Landfill	L	Chattanooga Creek	19	060200010503
TNR051636	Valley Machine & Welding Company	AA		3.4	060200010503
TNR051675	M & J Auto Rebuilding and Salvage	M	Chattanooga Creek	4.85	060200010503
TNR051713	Chattanooga Recycled Fiber	N	Chattanooga Storm Sewer to Chattanooga Creek	2.1	060200010503
TNR051750	U.S. Pipe and Foundry Company Landfill	L	Tennessee River	23	060200010503
TNR051831	Chattem Chemicals Warehouse	AD	Chattanooga Storm Sewer to Chattanooga Creek	1.7	060200010503

Table A4-11b.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR051834	Hunter Oil Company	P	Chattanooga Creek	2	060200010503
TNR052017	Chattem	AD, C	UT to Gillespie Springs Branch	10.1	060200010503
TNR053039	Con-Way Southern Express - NCT	P	Chattanooga Creek	2.25	060200010503
TNR053302	BFI Services	P	Chattanooga Creek	8	060200010503
TNR053352	Goins Waste Oil Company	N, P	Chattanooga Creek	0.3	060200010503
TNR053417	Dixie Stamping & Machine	AB, AA	Not Reported	0.1	060200010503
TNR053651	Hamil Road Closed Landfill	H	Hutson Branch, Chimney Hollow, and Brimstone Creek		060200010503
TNR053668	Sharrock Machine & Welding Company	AB	Not Reported	5	060200010503
TNR053754	Quala Systems, Incorporated	AD, P	Metro Storm Sewer to Chattanooga Creek	5	060200010503
TNR054176	Car Gone II Used Auto Parts	M	Ditch to Chattanooga Creek	3	060200010503
TNR054195	Blow Pipe Sheet Metal	AA	UT to Chattanooga Creek	1.5	060200010503
TNR054202	Kirk Machine Shop	AB	UT to Chattanooga Creek	0.46	060200010503
TNR054359	AML Industries	A, X	Dobbs Branch	0.6	060200010503
TNR054484	Alloway Stamping & Machine Company	AA	Metro Storm Sewer to UT to Chattanooga Creek	1.01	060200010503
TNR054578	Lane Steel Fabricators, Incorporated	AA	Chattanooga Creek	0.77	060200010503
TNR055045	Tuftco Corporation	AB	Dobbs Branch	16.1	060200010503
TNR055057	Millennium Packaging Solutions	B	Chattanooga Creek	9.5	060200010503
TNR055993	Hickman	C	Chattanooga Creek	3.26	060200010503
TNR056106	Don's Auto Salvage & Sales	M	Chattanooga Creek	15	060200010503
TNR056151	Hegwood Auto Parts	M	WWC to Chattanooga Creek	9	060200010503
TNR056371	S & M Auto Parts	M	Chattanooga Creek	5	060200010503
TNR056444	Astec - Wilson Road	AB	Chattanooga Creek	3	060200010503
TNR056454	Griffin Industries	U	UT to Chattanooga Creek	2.3	060200010503
TNR056535	S & M Auto Parts	M	UT to Chattanooga Creek	20	060200010503
TNR051839	Southeastern Materials	D	Black Creek	2	060200010504
TNR050645	Sather Trucking	P	Black Creek	6.1	060200010504
TNR050251	Chattanooga Plating & Machine	AA, AB	Blade Creek	2	060200010504
TNR051511	Clean Harbors Chattanooga	AD	Black Creek	4.2	060200010504
TNR051672	Ring Can Corporation	Y	Black Creek	3.61	060200010504
TNR051789	Lookout Valley Equipment	AC	Lookout Creek	0.5	060200010504
TNR053239	Wauhatchie Yard	P	Black Creek	3	060200010504
TNR053971	Koch Foods Feed Mill	U	UT to Lookout Creek	105	060200010504
TNR054423	Burner Systems International	AA	Municipal Storm Sewer System	14	060200010504
TNR054597	JRB Company	AB	Black Creek	1.7	060200010504
TNR055897	Pilgram's Pride Corporation of Delaware	U, P	UT to Lookout Creek	17	060200010504
TNR050404	Saint-Gobain Norpro	E	Poe Creek	19	060200010702
TNR051250	Card-Monroe Corporation	AB	UT to North Chickamauga Creek	14	060200010702

Table A4-11c.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR055961	B&B Steel Erection Company	AE	UT to North Chickamauga Creek	3	060200010702
TNR055046	Stainless tank Incorporated	AA	Metro Storm Sewer to Chattanooga Creek	0.3	060200010801
TNR050453	Textile Printing Company	B	Spring Creek to West Chickamauga Creek	7.2	060200010803
TNR050074	Hoyt's Automotive Incorporated	M	WWC to South Chickanauga Creek	7	060200010804
TNR050088	Wikoff Color Corporation	C	UT to South Chickamauga Creek	0.6	060200010804
TNR050329	Wrigley Manufacturing Company	U	UT to Friar Branch	6.7	060200010804
TNR050363	SI Concrete Systems Incorporated	V	South Chickamauga Creek	10.5	060200010804
TNR050421	SMP Industries Incorporated	AA	South Chickamauga Creek	7.3	060200010804
TNR050550	Stowers Machinery Corporation	P	South Chickamauga Creek	3.2	060200010804
TNR050681	Brach's Confections Incorporated	U	UT to Friar Branch	30	060200010804
TNR050784	East Brainerd Lumber Company, Inc.	A	UT to South Chickamauga Creek	25	060200010804
TNR050940	Bacon Products Corporation	C	Chickamauga Creek	6	060200010804
TNR050967	Benton Oil Services, Incorporated	P	UT to Friar Branch	3.7	060200010804
TNR051014	Array-Chattanooga	AA	Citico Creek	26	060200010804
TNR051055	BASF Corporation	C	Friar Branch	9.8	060200010804
TNR051386	Shaver Metal Systems	AA	Poe Branch	0.5	060200010804
TNR051467	Mueller Company	F, AA, P, L	South Chickamauga Creek	46	060200010804
TNR051485	Woodbridge Foam Fabricating	Y	South Chickamauga Creek	11	060200010804
TNR051502	TAC Air-South	S	UT to South Chickamauga Creek	8.6	060200010804
TNR051608	Steff's Company, Incorporated	AA	South Chickamauga Creek	10	060200010804
TNR051638	Chattanooga Coca-Cola Bottling Company	U	South Chickamauga Creek	25	060200010804
TNR051689	South Atlantic Galvanizing	AA	South Chickamauga Creek	4.56	060200010804
TNR051856	Advanced Technical Ceramics Company	AC, E	UT to Tennessee River	9.3	060200010804
TNR051872	Benton Oil Service, Incorporated	P	UT to Friar Branch	2.7	060200010804
TNR051963	MetalTek International	F	South Chickamauga Creek	18.5	060200010804
TNR051975	Magellan Terminals Holdings	P	WWC to UT to Friar Branch	2.285	060200010804
TNR052048	UPS Ground Freight, Incorporated	P	Friar Branch	8	060200010804
TNR053082	SMP Industries, Incorporated	AA	South Chickamauga Creek	7.8	060200010804
TNR053086	Sequatchie Concrete Service, Incorporated	E	Ditch to South Chickamauga Creek	4	060200010804
TNR053218	Lovell Field-Chattanooga Metro Airport	S	South Chickamauga Creek	978	060200010804
TNR053319	Bi-Lo	P	UT to Friar Branch	38	060200010804
TNR053371	FedEx Ground	P	South Chickamauga Creek	11.5	060200010804
TNR053491	Sherman-Dixie Concrete Industries, Inc.	E	UT to Chickamauga Creek	8.8	060200010804
TNR053547	UPS-Chattanooga	P	UT to Friar Branch	8.2	060200010804
TNR053567	Highway Transport, Incorporated	P	Friar Branch	2	060200010804

Table A4-11d.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR053680	TAC Air Maintenance Center	S	UT to South Chickamauga Creek	19.2	060200010804
TNR053698	FedEx Freight East, Incorporated	P	Friar Branch	8	060200010804
TNR053743	Summit Landfill	L	WWC to UT to Wolftever Creek	11	060200010804
TNR054148	LD Vault Company	E	Not Reported	1	060200010804
TNR054589	TJ Snow Company, Incorporated	AA	South Chickamauga Creek	5.29	060200010804
TNR055066	Lamberti Synthesis USA, Incorporated	C	UT to South Chickamauga Creek	13.7	060200010804
TNR056361	Sage of America, Incorporated	AA	UT to Friar Branch	2	060200010804
TNR056435	Smurfit-Stone Container Corporation	B	Chickamauga Creek @ RM 0.75	0.5	060200010804
TNR056517	Magellan's Chattanooga II Terminal	P	Friar Branch	17	060200010804
TNR056526	Nutritive Sweeteners, Incorporated	C, AD	UT to Friar Branch	3.2	060200010804
TNR056568	Pepsi Bottling Group	P	South Chickamauga Creek	5.49	060200010804
TNR053491	Sherman-Dixie Concrete Industries, Inc.	E	UT to Chickamauga Creek	8.8	060200010804
TNR053547	UPS-Chattanooga	P	UT to Friar Branch	8.2	060200010804
TNR053567	Highway Transport, Incorporated	P	Friar Branch	2	060200010804
TNR053680	TAC Air Maintenance Center	S	UT to South Chickamauga Creek	19.2	060200010804
TNR053698	FedEx Freight East, Incorporated	P	Friar Branch	8	060200010804
TNR053743	Summit Landfill	L	WWC to UT to Wolftever Creek	11	060200010804

Table A4-11e.

Tables A4-11a-e. Active Permitted TMSP Facilities in the Lower Tennessee River Watershed. Area, acres of property associated with industrial activity; UT, Unnamed Tributary; WWC, Wet Weather Conveyance. Sector details may be found in Table A4-12.

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 A4-12. TMSP Sectors and Descriptions.