

APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0101	0102	0103	0104	0105
Bare Rock/Sand/Clay		10	3		9
Deciduous Forest	20,552	15,005	21,718	8,702	22,730
Developed Open Space	914	1,492	3,310	1,177	1,367
Emergent Herbaceous Wetlands	105	12	181	1	75
Evergreen Forest	882	1,108	1,651	626	632
Grassland/Herbaceous	1,990	2,054	1,333	395	1,929
High Intensity Development	1	1	249	4	46
Low Intensity Development	14	35	1,162	156	175
Medium Intensity Development	5	18	465	11	109
Mixed Forest	376	400	244	150	19
Open Water	1,135	21	1,372	13	1,322
Pasture/Hay	2,856	8,524	10,561	6,513	4,690
Row Crops	1,558	576	3,934	902	4,898
Shrub/Scrub		1			6
Woody Wetlands	604	179	1,340	191	983
Total	30,992	29,436	47,523	18,841	38,990

Table A4-1a.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0106	0107	0201	0202	0203
Bare Rock/Sand/Clay	6				
Deciduous Forest	9,847	14,151	8,744	8,329	20,970
Developed Open Space	527	920	679	429	1,339
Emergent Herbaceous Wetlands	3	7	2		28
Evergreen Forest	370	468	204	77	632
Grassland/Herbaceous	961	1,586	738	863	2,620
High Intensity Development					
Low Intensity Development	50	15	16	12	16
Medium Intensity Development	14	2		2	1
Mixed Forest	92	2	39	30	152
Open Water	3	54	12	3	6
Pasture/Hay	2,243	4,239	5,577	1,790	8,091
Row Crops	430	607	266	172	1,716
Shrub/Scrub	1	35	3	2	3
Woody Wetlands	143	106	2	4	211
Total	14,690	22,192	16,282	11,713	35,785

Table A4-1b.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0204	0301	0302	0303	0401
Bare Rock/Sand/Clay					8
Deciduous Forest	7,416	33,430	31,622	14,646	27,566
Developed Open Space	613	1,453	1,135	738	996
Emergent Herbaceous Wetlands	3	9	37	1	103
Evergreen Forest	211	484	496	146	803
Grassland/Herbaceous	539	2,770	3,065	2,005	2,306
High Intensity Development		3			
Low Intensity Development	9	51	32	27	54
Medium Intensity Development		10	3		20
Mixed Forest	42	55	20	6	
Open Water	1	82	93	3	1,898
Pasture/Hay	2,947	7,274	2,927	1,688	1,402
Row Crops	139	510	1,315	171	2,250
Shrub/Scrub	1	38	55	4	23
Woody Wetlands	20	4	304	24	1,463
Total	11,941	46,173	41,104	19,459	38,892

Table A4-1c.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0402	0403	0404	0405	0406
Bare Rock/Sand/Clay		32		3	17
Deciduous Forest	10,474	27,889	29,982	25,455	34,087
Developed Open Space	632	1,219	837	996	750
Emergent Herbaceous Wetlands	6	5	38	48	97
Evergreen Forest	116	174	495	1,577	822
Grassland/Herbaceous	760	2,165	2,128	975	1,252
High Intensity Development		12	4	18	4
Low Intensity Development	27	127	20	158	87
Medium Intensity Development	1	75	7	68	20
Mixed Forest	4	3		4	1
Open Water	127	338	1,166	1,162	3,531
Pasture/Hay	2,047	3,193	1,552	2,245	451
Row Crops	189	953	1,346	1,789	1,084
Shrub/Scrub	6	39	18	49	21
Woody Wetlands	87	275	724	693	2,296
Total	14,476	36,499	38,317	35,240	44,520

Table A4-1d.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)	
	0407	0408
Bare Rock/Sand/Clay	1	
Deciduous Forest	16,608	11,014
Developed Open Space	540	81
Emergent Herbaceous Wetlands	50	25
Evergreen Forest	757	434
Grassland/Herbaceous	880	63
High Intensity Development		
Low Intensity Development	25	
Medium Intensity Development		
Mixed Forest	7	3
Open Water	755	1,146
Pasture/Hay	1,425	216
Row Crops	966	317
Shrub/Scrub	31	23
Woody Wetlands	270	322
Total	22,315	13,644

Table A4-1e.

Table A4-1a-e. Land Use Distribution in the Tennessee Portion of the Lake Barkley 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
03435000	Cumberland River	051302050101				
03436500	Cumberland River	051302050103	15,897.00		385.00	416.00
03436690	Yellow Creek	051302050302				
03436700	Yellow Creek	051302050302	124.00	19.05	20.18	18.30
03437000	Cumberland River	051302050405				

Table A4-3. United States Geological Survey Continuous Record Gaging Stations in the Tennessee Portion of the Lake Barkley Watershed. Additional information may be found at: <http://water.usgs.gov/osw/streamstats/>

AGENCY	STATION	LOCATION	HUC 12
USEPA	470601	Cheatham Reservoir	051302050101
USEPA	470602	Cheatham Reservoir	051302050101
USACOE	3CHE10001	Cumberland River @ RM 148.3	051302050101
USACOE	3CHE20002	Cumberland River @ RM 149.1	051302050101
USACOE	3CHE20025	Cumberland River @ RM 150.8	051302050101
TDEC	CUMBE146.2CH	Cumberland River @ RM 146.2	051302050101
TDEC	796	Clarksville Filtration Plant 126.5	051302050103
USACOE	3BAR20008	Cumberland River @ RM 133.1	051302050103
TDEC	WALLS000.6MT	Walls Branch @ RM 0.6	051302050103
TDEC	BMCAD004.7MT	Big McAdoo Creek @ RM 4.7	051302050104
TDEC	BMCAD006.6MT	Big McAdoo Creek @ RM 6.6	051302050104
TDEC	BMCAD011.0MT	Big McAdoo Creek @ RM 11.0	051302050104
TDEC	LMCAD000.3MT	Little McAdoo Creek @ RM 0.3	051302050104
TDEC	800	Cumberland River @ RM 120.75	051302050105
TVA	600024	Cumberland River @ RM 120.00	051302050105
TVA	600030	Cumberland River @ RM 109.0	051302050105
TVA	600031	Cumberland River @ RM 115.0	051302050105
TVA	600035	Cumberland River @ RM 108.5	051302050105
USACOE	3BAR20007	Cumberland River @ RM 124.0	051302050105
TDEC	CUMBE124.8MT	Cumberland River @ RM 124.8	051302050105
TDEC	ANTIO000.1MT	Antioch Creek @ RM 0.1	051302050106
TDEC	BUDDS001.9MT	Budds Creek @ RM 1.9	051302050106
TDEC	BARTE001.4MT	Bartee Branch @ RM 1.4	051302050107
TDEC	BARTO002.7MT	Bartons Creek @ RM 2.7	051302050203
TDEC	BARTO012.8DI	Bartons Creek @ RM 12.8	051302050203
TDEC	BEAR000.3HO	Bear Creek @ RM 0.3	051302050301
TDEC	CEDAR000.8DI	Cedar Creek @ RM 0.8	051302050301
TDEC	YELLOW024.9DI	Yellow Creek @ RM 24.9	051302050301
USACOE	3BAR10047	Yellow Creek @ RM 9.0	051302050302
USACOE	3BAR20030	Yellow Creek @ RM 0.5	051302050302
TDEC	YELLOW013.1HO	Yellow Creek @ RM 13.1	051302050302
TDEC	810	Cumberland River @ RM 101.7	051302050401
USEPA	470110	Lake Barkley	051302050401
TVA	600023	Cumberland River @ RM 102.47	051302050401
TVA	600029	Cumberland River @ RM 104.0	051302050401
TVA	600032	Cumberland River @ RM 98.05	051302050401
TVA	600033	Cumberland River @ RM 103.2	051302050401
TVA	600034	Cumberland River @ RM 106.5	051302050401

Table A4-4a.

AGENCY	STATION	LOCATION	HUC 12
TVA	600060	Cumberland River @ RM 101.8	051302050401
TVA	600062	Cumberland River @ RM 102.9	051302050401
TVA	600063	Cumberland River @ RM 103.3	051302050401
TVA	600064	Cumberland River @ RM 105.0	051302050401
TVA	600065	Cumberland River @ RM 103.7	051302050401
TVA	600066	Cumberland River @ RM 98.0	051302050401
TVA	600116	Cumberland River @ RM 104.29	051302050401
TVA	600118	Cumberland Steam Plant	051302050401
USACOE	3BAR20006	Cumberland River @ RM 100.1	051302050401
USACOE	3BAR20009	Cumberland River @ RM 105.5	051302050401
TVA	600117	Cumberland Steam Plant	051302050403
EPA NARS	OWW04440- 0078	Wells Creek	051302050403
USEPA	470109	Lake Barkley	051302050404
TVA	600028	Cumberland River @ RM 95.0	051302050404
TDEC	DFORK000.4ST	Dicks Fork Creek	051302050404
TVA	600027	Cumberland River @ RM 90.01	051302050405
USACOE	3BAR20010	Cumberland River @ RM 88.8	051302050405
USACOE	3BAR20029	Dyers Creek @ RM 0.5	051302050405
TDEC	DYERS004.0ST	Dyers Creek	051302050405
NPS	FODO_EMIC	Indian Creek Embayment	051302050405
NPS	FODO_FDLB	Lake Barkley at Fort Donelson Overlook	051302050405
NPS	FODO_GBIC	Indian Creek at Graves Battery	051302050405
USEPA	470108	Lake Barkley	051302050406
TVA	600022	Cumberland River @ RM 80.00	051302050406
TVA	600094	Cumberland River @ RM 81.8	051302050406
USACOE	3BAR10046	Hickman Creek @ RM 2.5	051302050406
USACOE	3BAR10049	Neville Creek @ RM 2.0	051302050406
USACOE	3BAR20027	Neville Creek @ RM 0.7	051302050406
USACOE	3BAR20028	Hickman Creek @ RM 0.4	051302050406
NPS	FODO_EMHC	Hickman Creek Embayment	051302050406
USACOE	3BAR10045	Saline Creek @ RM 8.0	051302050407
USACOE	3BAR20026	Saline Creek @ RM 1.4	051302050407
TDEC	CUMBE076.5ST	Cumberland River	051302050408
TDEC	ECO71F26	Pryor Creek @ RM 2.0	051302050408
TDEC	TISSUE51	Cumberland River @ RM 75.0	051302050408

Table A4-4b.

Table A4-4a-b. STORET Water Quality Monitoring Stations in the Lake Barkley Watershed. EPA NARS, Environmental Protection Agency National Aquatic Resource Survey; NPS, National Park Service; TDEC, Tennessee Department of Environment and Conservation; USACOE, United States Army Corps of Engineers; TVA, Tennessee Valley Authority; USEPA, United States Environmental Protection Agency.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NR0504.330	Montgomery	Utility Line Crossings	UT to Wall Branch	051302050103
NR0504.375	Montgomery	Construction of Intake and Outfall Structures	UT to Wall Branch	051302050103
NR0504.376	Montgomery	Utility Line Crossings	UT to Wall Branch	051302050103
NR0504.388	Montgomery	Stream Restoration and Habitat Enhancement	UT to Brush Creek	051302050103
NR0704.039	Montgomery	Temporary Road Construction	Wall Branch	051302050103
NRS02.361	Montgomery	Utility Line Crossings	Cumberland river	051302050103
NRS06.275	Montgomery	Construction and Removal of Minor Road Crossings	UT to Burney Creek	051302050103
NR0504.327	Montgomery	Construction and Removal of Minor Road Crossings	Big McAdoo Creek	051302050104
NR0504.328	Montgomery	Alteration to WWC	Not Identified	051302050104
NR0704.161	Montgomery	Construction and Removal of Minor Road Crossings	UT to Cumberland River	051302050105
NRS05.010	Montgomery	Construction of Intake and Outfall Structures	Cumberland River	051302050105
NR0604.004	Montgomery	Utility Line Crossings	UT to Bartee Branch	051302050107
NR0604.005	Montgomery	Construction and Removal of Minor Road Crossings	UT to Bartee Branch	051302050107
NRS05.442	Dickson	Bridge and Approaches	Big Bartons Creek	051302050201
NR0604.133	Montgomery	Utility Line Crossings	UT to Little Bartons Creek	051302050203
NR0704.043	Dickson	Construction and Removal of Minor Road Crossings	Yellow Creek	051302050301
NRS02.184	Dickson	Bank Stabilization	Yellow Creek	051302050301
NRS03.370	Dickson	Construction of Intake and Outfall Structures	Yellow Creek	051302050301
NRS04.248	Dickson	Utility Line Crossings	Cedar Creek	051302050301
NRS04.292	Dickson	Utility Line Crossings	Yellow Creek, Cedar Creek, Coon Creek, West Piney, & UTs	051302050301
NR0504.324	Houston	Bank Stabilization	Yellow Creek	051302050302
NRS04.312	Houston	Gravel Dredging	Yellow Creek	051302050302
NRS05.046	Houston	Sand and Gravel Dredging	Yellow Creek	051302050302
NRS05.480	Montgomery	Bridge and Approaches	Yellow Creek	051302050302
NRS06.037	Montgomery	Stream Restoration and Habitat Enhancement	Yellow Creek	051302050302
NRS06.168	Montgomery	Culvert Installation	UT to Yellow Creek	051302050302
NRS03.232	Stewart	Fill Activities for Crane Access	Cumberland River	051302050401
NRS05.366	Stewart	Maintenance Activities	Cumberland River	051302050401
NRS06.081	Stewart	Transmission Line Installation	Guices Creek	051302050402
NRS06.117	Montgomery	Culvert Replacement	Guices Creek	051302050402
NR0604.064	Stewart	Culvert Installation	UT to Guices Creek	051302050403
NR0604.202	Houston	Utility Line Crossings	Erin Branch	051302050403

Table 4-5a.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NR0704.003	Houston	Utility Line Crossings	Brigham Branch, Dry Branch, Guices Creek, Lewis Branch, North Fork, Patterson Branch, Spring Branch, Wells Creek, & UTs	051302050403
NR0704.024	Houston	Utility Line Crossings	Erin Branch	051302050403
NR0704.031	Houston	Utility Line Crossings	Erin Branch	051302050403
NRS03.188	Houston	Bridge and Approaches	Erin Branch	051302050403
NRS03.388	Houston	Gravel Removal	Pollard Branch	051302050403
NRS04.293	Houston	Bank Stabilization and Gravel Dredging	Pollard Branch	051302050403
NRS05.251	Houston	Gravel Dredging	Muster Ground Creek	051302050403
NRS05.447	Houston	Bridge and Approaches	Wells Creek	051302050403
NR0604.033	Stewart	Utility Line Crossings	Dyers Creek	051302050405
NR0704.028	Stewart	Sewer Line Installation	UT to Dyers Creek	051302050405
NRS06.269	Stewart	Construction and Removal of Minor Road Crossings	Morris Creek	051302050405
NRS06.325	Stewart	Multiple Activities	Wetland & UT to Dyers Creek	051302050405
NRS05.099	Henry	Transmission Line Repairs	Tennessee River/ Kentucky Lake	051302050406
NRS02.308	Montgomery	Repair of Low Water Crossing	Saline Creek	051302050407

Table 4-5b.

Table 4-5a-b. ARAPs (Aquatic Resource Alteration Permit) issued June 2002 through June 2007 in the Tennessee Portion of the Lake Barkley Watershed. WWC, Wet Weather Conveyance; UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	COUNTY	LIVESTOCK	WATERBODY	HUC-12
TNA000043	Richard V. & Carmela J. Davis	Montgomery	Poultry	Cumberland River	051302050103

Table 4-6. CAFO (Concentrated Animal Feed Operation) Permittees in the Tennessee Portion of the Lake Barkley Watershed.

PERMIT NUMBER	COUNTY	PERMITTEE: DESCRIPTION	AREA	WATERBODY	HUC-12
TNR145507	Cheatham	Byron Dale Weakley: Dale Weakley Property	2.00	Headwaters of Raccoon Creek	051302050102
TNR142835	Montgomery	Greenland Partners, LLC: Greenland Farms Subdivision	30.44	UT to Barkley Lake	051302050103
TNR142886	Montgomery	David Welch: Welchtree Subdivision	19.00	UT to Brush Creek	051302050103
TNR143045	Montgomery	Herb Baggett: Birnam Wood Subdivision	6.80	UT to Wall Branch	051302050103
TNR143217	Montgomery	Parkvue Village LLC: Parkvue Village Subdivision	20.47	Wall Branch	051302050103
TNR143238	Montgomery	Alliant Commercial Realty Services: Sango Village Marketplace	2.67	UT to Wall Branch	051302050103
TNR143320	Montgomery	Jeff Robinson: Highpoint Row Condominiums	2.85	UT to Cumberland River	051302050103
TNR144107	Montgomery	Bill Mace: Fox Hollow Subdivision	8.95	UT to Cumberland River	051302050103
TNR144290	Montgomery	Clarksville Academy: Sports Complex	31.71	Cumberland River	051302050103
TNR144958	Montgomery	Mainstream Investments: Madison Street Office and Retail Lots	2.60	UT to Wall Branch	051302050103
TNR145135	Montgomery	Terrie Buck: Just for Kids Too	2.20	UT to Wall Branch.	051302050103
TNR145222	Montgomery	Bill Belew: Temporary Construction Road Grading	10.50	Wall Branch Creek	051302050103
TNR190645	Montgomery	TVA: Cumberland- Montgomery Transmission Line	1.66	Burney Creek, Holdenhorn Creek, Budds Creek, Vernon Creek, Antioch Creek, Hurricane Creek, Sulphur Spring Branch, Cumberland River, & UTs	051302050103
TNR190658	Montgomery	TVA: Cumberland- Montgomery Transmission Line	1.78	Cumberland River, Muddy Branch, Little McAdoo Creek, Big McAdoo Creek Red River, & UTs	051302050103
TNR190659	Montgomery	TDOT: SR 149	7.42	Cumberland River	051302050103
TNR142820	Montgomery	Cal McKay: Sango Place Subdivision	1.80	Big McAdoo Creek	051302050104
TNR143029	Montgomery	Rex Hawkins: Waterford Subdivision	14.00	Big McAdoo Creek	051302050104
TNR143092	Montgomery	Wall Brothers Glass, Inc: Commercial Building	1.54	Big McAdoo Creek	051302050104
TNR143831	Montgomery	Herb E Baggett: Brookhaven Subdivision	22.00	McAdoo Creek	051302050104

Table 4-7a.

PERMIT NUMBER	COUNTY	PERMITTEE: DESCRIPTION	AREA	WATERBODY	HUC-12
TNR143913	Montgomery	Mark Deering: Marquee Estates	39.10	Little McAdoo Creek	051302050104
TNR145119	Montgomery	Billy Wilson: Wilson Way Subdivision	3.90	Big McAdoo Creek	051302050104
TNR145341	Montgomery	Miller Sango Storage: Facility Expansion	4.40	UT to Big McAdoo Creek	051302050104
TNR142742	Montgomery	Billy J Mace: Walnut Street Shopping Center	1.20	Cumberland River (Lower Barkley Lake)	051302050105
TNR142842	Montgomery	Andy Phillips: Robyn Lynn Hills Subdivision	4.00	Donaldson Creek	051302050105
TNR143285	Montgomery	Bill Pollard	8.50	UT to Cumberland River	051302050105
TNR190358	Montgomery	TDOT: SR 374	81.00	UTs to Cumberland River	051302050105
TNR145212	Montgomery	Hawkins & Lafferty: Mini Storage Facility	2.34	UT to Antioch Creek	051302050106
TNR143361	Montgomery	Stanley Bumpus: Peach Grove Estates	7.00	UT to Bartee Branch	051302050107
TNR190382	Montgomery	TVA: Montgomery-Barley Transmission Line	65.00	UT to Cooper Creek, Fletchers Fork, UTs to Fletchers Fork, & Lake Taal	051302050107
TNR190622	Montgomery	TVA: Oakwood Switching Station	3.90	UT to Cooper Creek	051302050107
TNR190596	Dickson	TDOT: SR 48	2.45	Bartons Creek & UT (Miller Branch)	051302050201
TNR144289	Dickson	Donald Cunningham: CDC Express, LLC	4.00	Furnace Creek	051302050202
TNR145578	Dickson	Dickson County Municipal Airport Authority: Tee- Hanger and Apron	2.50	UT to Yellow Creek	051302050301
TNR190661	Montgomery	TDOT: SR 149	1.92	Yellow Creek	051302050302
TNR144149	Houston	City of Erin: Water System Improvements	4.00	Erin Branch	051302050403
TNR145192	Houston	City of Erin: Water System Improvements	19.00	Brigham Branch, Dry Branch, Guices Creek, Lewis Branch, North Fork, Patterson Branch, Spring Branch, Wells Creek, & UTs	051302050403
TNR145257	Houston	City of Erin: Water System Improvements	4.00	Erin Branch	051302050403

Table 4-7b.

PERMIT NUMBER	COUNTY	PERMITTEE: DESCRIPTION	AREA	WATERBODY	HUC-12
TNR190586	Houston	TDOT: Marable Hollow Road	1.20	Wells Creek	051302050403
TNR190593	Stewart	TVA: Cumberland-Montgomery Transmission Line	1.81	Wells Creek, UT to Guices Creek, Guices Creek, UT to Moccasin Branch, Moccasin Branch, UT to Yellow Creek, Yellow Creek, East Fork Yellow Creek, Burney Creek, Antioch Creek, Big McAdoo Creek	051302050403
TNR143799	Stewart	Southeastern Development: Wildlife Estates at Dover Cliffs	8.00	UT to Cumberland River	051302050404
TNR145367	Stewart	The Town of Dover: Wastewater Treatment Plant	3.00	Lake Barkley	051302050405
TNR145423	Stewart	Shirley Wallace: Fill Areas	5.00	Project Stream S-10 & Dyers Creek	051302050405
TNR190369	Stewart	TDOT: SR 76	1.07	Morris Creek to Dyers Creek	051302050405
TNR190714	Stewart	TDOT: SR 76	1.33	Cumberland River (Barkley Reservoir), UT to Dyers Creek, & Dyers Creek	051302050405

Table 4-7c.

Table 4-7a-c. CGPs (Construction General Permit) issued June 2002 through June 2007 in the Tennessee Portion of the Lake Barkley Watershed. Area, acres of property associated with construction activity; UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	WATERBODY	HUC-12
TN0066583	Winn Materials, Inc. Clarksville Quarry	1422	Crushed and Broken Limestone	UT to Cumberland River	051302050105

Table 4-8. Permitted Mining Facilities in the Tennessee Portion of the Lake Barkley Watershed. SIC, Standard Industrial Code; UT Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	MADI	WATERBODY	HUC-12
TN0068144	Cheatham Hydro Power Plant	4911	Electric Services	Minor	Cumberland River	051302050101
TN0056081	Chad Youth Enhancement Center	4952	Sewerage Systems	Minor	WWC @ RM 0.3 to UT @ RM 0.4 to Half Pone Creek @ RM 7.7	051302050102
TN0020656	Clarksville STP	4952	Sewerage Systems	Major	Cumberland River (Barkley Reservoir) @ RMs 125.0, 125.4 & 126.2.	051302050103
TN0024643	Montgomery Central High School	4952	Sewerage Systems	Minor	UT @ RM 1.2 to Sulphur Spring Branch @ RM 2.9	051302050103
TN0055387	Ramblewood Apartment II, LLC	4952	Sewerage Systems	Minor	UT @ RM 0.5 to Cumberland River @ RM 130.2	051302050103
TN0029157	Zinifex Clarksville, Inc.	1031	Lead and Zinc Ores	Major	Cumberland River @ RM 122, UT to Cumberland River @ RM 122.6, & UT to Cumberland River @ RM 121.1	051302050105
TN0064181	Palmyra Health Care Center	4952	Sewerage Systems	Minor	Cumberland River @ RM 114.7	051302050105
TN0024651	Woodlawn School	4952	Sewerage Systems	Minor	UT @ RM 1.8 to Bartee Branch @ RM 3.1	051302050107
TN0025119	Cumberland City Lagoon	4952	Sewerage Systems	Minor	Cumberland River @ RM 104.5	051302050401
TN0064882	Erin STP	4952	Sewerage Systems	Minor	Cumberland River @ RM 103.7	051302050401
TN0005789	TVA: Cumberland Fossil Plant	4911	Electric Services	Minor	Cumberland River @ RM 103	051302050403
TN0022667	Dover STP	4952	Sewerage Systems	Minor	Cumberland River (Barkley Reservoir) @ RM 88.6	051302050405
TN0020273	USDA Forest Service, Brandon Springs Camp	4952	Sewerage Systems	Minor	Cumberland River (Barkley Reservoir) @ RM 82.6	051302050406

Table 4-9. Municipal and Industrial Permittees in the Tennessee Portion of the Lake Barkley Watershed. SIC, Standard Industrial Code; MADI, Major Discharge Indicator; UT, Unnamed Tributary; WWC Wet Weather Conveyance.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC-12
TNG110238	Irving Materials, Inc. Cumberland City	Licksillet Branch to Cumberland River	051302050403
TNG110239	iMi South, LLC - Dover	Dyers Creek	051302050405

Table 4-10. RMCP (Ready Mix Concrete Plant) Permittees in the Tennessee Portion of the Lake Barkley Watershed.

PERMIT NUMBER	PERMITTEE	SECTOR	WATERBODY	AREA	HUC-12
TNR050317	Jostens Printing & Publishing	X	UT to Ground Water	2.20	051302050103
TNR053279	Ingram Materials Company	J	Cumberland River	3.00	051302050103
TNR053548	United Parcel Service Clarksville	P	Cumberland River	1.14	051302050103
TNR055903	McLeod's, Inc.	C	Cumberland River	1.25	051302050103
TNR056449	Beach Oil Convenience Store	P	Cumberland River	1.11	051302050103
TNR050202	Eubank, LLC	A	Cumberland River	43.10	051302050105
TNR050605	D & D Auto Salvage, Inc.	M	Cumberland River (Barkley Reservoir)	17.00	051302050105
TNR055048	Winn Materials, Inc.	Q	Cumberland River @ RM 123.6	5.00	051302050105
TNR056189	Keats & Bromley Auto Sales & Salvage	M	Not Identified	23.89	051302050107
TNR050808	Milam & Stanfill Sawmill Inc.	A	Dry Hollow/ Bell Hollow Creek	14.00	051302050202
TNR053254	Dickson County Municipal Airport	S	Standing Rock Hollow Creek	0.30	051302050301
TNR054432	Nagle Industries	AB	Wells Creek	10.00	051302050401
TNR050126	Ralph Largent Sawmill, Inc.	A	Denmark Branch & Town Branch	11.90	051302050403
TNR050623	J.V. Averitt Lumber Company Inc.	A	Musterground Creek & Wells Creek	15.00	051302050403
TNR051933	TVA: Cumberland Fossil Plant	O	Cumberland River @ RM 103.7, Cumberland River @ RM 103.6, Cumberland River @ RM 103.3, & Cumberland River @ RM 102.8	3.82	051302050403
TNR053946	TIN, Inc., dba Temple-Inland, Cumberland City Wallboard Plant	E	Wells Creek to Cumberland River	1.23	051302050403
TNR054428	Allied Custom Gypsum of Tennessee, LLC	E	Metropolitan Storm Sewer to Barkley Reservoir	7.00	051302050403
TNR056527	Coleman Lumber Company	A	Catch Pond to Brigham Branch	6.00	051302050403
TNR051829	Mathis Brothers Lumber Company	A	Cumberland River (Barkley Reservoir)	12.00	051302050404
TNR050705	Nashville Wire Products	AA	Cumberland River	4.50	051302050405
TNR054244	Swift Sawmill	A	Dyers Creek	3.00	051302050405
TNR054245	Milton Lumber Company, Inc.	A	UT to West Fork Lick Creek	4.00	051302050405

Table 4-11a.

PERMIT NUMBER	PERMITTEE	SECTOR	WATERBODY	AREA	HUC-12
TNR054284	Oneal Keatts Sawmill	A	Dyers Creek	5.00	051302050405
TNR053527	Wickliffe Paper Company Dover Woodyard	A	Bear Creek	18.00	051302050406
TNR055991	Averitt Lumber Company	A	Bear Creek	13.40	051302050406

Table 4-11b.

Table 4-11a-b. TMSPs (Tennessee Multi Sector Permit) issued in the Tennessee Portion of the Lake Barkley Watershed. Area, acres of property associated with industrial activity; UT Unnamed Tributary, WWC, Wet Weather Conveyance. See Table 4-13 for Sector Details.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC-12
TN0077666	Water Authority of Dickson County	UT to Barkley Reservoir (Cheatham Reservoir)	051302050101
TN0074004	Clarksville WTP	Cumberland River @ RM 132.8	051302050103
TN0079081	North Clarksville Water Treatment Plant	UT to Cumberland River (Barkley Reservoir) @ RM 124.8	051302050105
TN0074675	Erin Water Works WTP	Yellow Creek to Cumberland River @ RM 108.3	051302050302
TN0005398	Dover Water Treatment Plant	Cumberland River (Barkley Reservoir) @ RM 88.9	051302050405

Table 4-12. WTP (Water Treatment Plant) Permittees in the Tennessee Portion of the Lake Barkley Watershed. UT, Unnamed Tributary

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.