

APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0101	0102	0103	0104	0105
Bare Rock/Sand/Clay	4				1
Deciduous Forest	19,440	4,744	3,969	10,428	7919
Developed Open Space	1,772	553	183	1,189	936
Emergent Herbaceous Wetlands	11	5	1	22	1
Evergreen Forest	736	85	107	722	1065
Grassland/Herbaceous	1291	167	328	467	570
High Intensity Development	12	6	1	3	15
Low Intensity Development	27	5	2	5	6
Medium Intensity Development	12	10		6	8
Mixed Forest	1	1			
Open Water	182	52	2	27	17
Pasture/Hay	6619	2,350	484	2,744	2,473
Row Crops	11,482	6,173	1,154	12,983	6,355
Shrub/Scrub	112	34	89	107	178
Woody Wetlands	1,268	378	491	4,473	732
Total	43,469	14,563	6,811	33,176	20,276

Table A4-1a.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0106	0107	0201	0202	0203
Bare Rock/Sand/Clay					
Deciduous Forest	1,627	1,060	4,177	10,188	5,612
Developed Open Space	142	165	721	1,452	1205
Emergent Herbaceous Wetlands	1		52	18	41
Evergreen Forest	440	30	272	1,162	604
Grassland/Herbaceous	117	12	124	532	205
High Intensity Development					
Low Intensity Development		1	4	11	79
Medium Intensity Development		3	1	2	8
Mixed Forest					
Open Water	1	2	18	169	151
Pasture/Hay	206	406	991	3,753	2,375
Row Crops	1,430	1,759	5,130	7,284	10,608
Shrub/Scrub	14	27	30	206	42
Woody Wetlands	1428	273	3,807	1,832	4,337
Total	5,406	2,738	15,327	26,609	25,267

Table A4-1b.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0204	0205	0206	0207	0208
Bare Rock/Sand/Clay					
Deciduous Forest	4,619	811	2,575	490	1,252
Developed Open Space	1,259	754	1,858	1,488	2,032
Emergent Herbaceous Wetlands	10	23	18	16	39
Evergreen Forest	107	19	89	38	120
Grassland/Herbaceous	11		1		9
High Intensity Development	3	19	35	45	257
Low Intensity Development	86	119	336	564	727
Medium Intensity Development	5	15	53	88	337
Mixed Forest					
Open Water	57	198	57	45	19
Pasture/Hay	2,623	313	2,070	742	857
Row Crops	10,816	10,717	14,373	6,445	15,412
Shrub/Scrub	66	18	69	8	13
Woody Wetlands	1,384	3,354	2,278	763	745
Total	21,046	16,360	23,812	10,732	21,819

Table A4-1c.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0209	0210	0301	0302	0303
Bare Rock/Sand/Clay				7	
Deciduous Forest	1,047	266	1,538	3,040	342
Developed Open Space	1,463	505	1,607	1,139	771
Emergent Herbaceous Wetlands	20	66	58	10	11
Evergreen Forest	48	1	18	56	3
Grassland/Herbaceous			10	85	
High Intensity Development		4	5	23	2
Low Intensity Development	70	36	149	113	4
Medium Intensity Development	4	2	25	43	
Mixed Forest					
Open Water	25	151	358	71	5
Pasture/Hay	745	247	1,178	2,989	41
Row Crops	14,298	5,949	20,720	11,146	9,613
Shrub/Scrub	42	28	31	58	16
Woody Wetlands	1,502	835	12,691	582	391
Total	19,264	8,090	38,388	19,362	11,199

Table A4-1d.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0304	0305	0306	0307	0308
Bare Rock/Sand/Clay		1	2		
Deciduous Forest	196	2,135	2,796	2,661	3,797
Developed Open Space	424	773	670	511	1,408
Emergent Herbaceous Wetlands	1	1	3	3	31
Evergreen Forest	29	34	22	22	33
Grassland/Herbaceous		51	80	72	186
High Intensity Development			1		
Low Intensity Development	3	82	73	7	36
Medium Intensity Development	3	15	2		4
Mixed Forest					
Open Water	8	36	34	17	232
Pasture/Hay	62	2,651	2,390	2,471	2,501
Row Crops	5,526	5,472	4,804	4,296	21,376
Shrub/Scrub	9	22	47	116	52
Woody Wetlands	213	449	661	439	4,011
Total	6,474	11,722	11,585	10,615	33,667

Table A4-1e.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0309	0310	0311	0312	0313
Bare Rock/Sand/Clay					
Deciduous Forest	1,064	499	3,352	703	366
Developed Open Space	2,123	1,063	675	621	685
Emergent Herbaceous Wetlands	26	7	25	8	13
Evergreen Forest	70	17	40	2	5
Grassland/Herbaceous		2	311	10	
High Intensity Development	6	4			
Low Intensity Development	154	114	125	59	202
Medium Intensity Development	14	15	2		3
Mixed Forest					
Open Water	79	26	326	4	1,118
Pasture/Hay	330	715	346	565	
Row Crops	27,952	9,116	9,571	9,235	22,191
Shrub/Scrub	59	37	28	40	22
Woody Wetlands	2,363	689	2,264	882	6,928
Total	34,240	12,304	17,065	12,129	31,533

Table A4-1f.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0314	0401	0402	0403	0404
Bare Rock/Sand/Clay				34	
Deciduous Forest	340	7,918	8,347	4,111	4,035
Developed Open Space	223	1,950	1,304	1,356	131
Emergent Herbaceous Wetlands	31	27	20	162	3
Evergreen Forest	2	71	22	25	2
Grassland/Herbaceous		185	167	105	79
High Intensity Development		7	6	4	
Low Intensity Development	53	44	10	158	
Medium Intensity Development	4	6	4	16	
Mixed Forest					
Open Water	125	387	454	9,687	74
Pasture/Hay		3,228	8,221	151	349
Row Crops	11,575	20,876	5,520	15,280	489
Shrub/Scrub		71	151	92	54
Woody Wetlands	245	2,648	1,262	16,238	210
Total	12,598	37,418	25,488	47,419	5,426

Table A4-1g.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)	
	0405	0406
Bare Rock/Sand/Clay		2
Deciduous Forest	6,480	4,938
Developed Open Space	288	2,066
Emergent Herbaceous Wetlands	6	16
Evergreen Forest	12	27
Grassland/Herbaceous	224	360
High Intensity Development	2	21
Low Intensity Development	4	224
Medium Intensity Development	1	30
Mixed Forest		
Open Water	6	380
Pasture/Hay	1,227	259
Row Crops	706	33,663
Shrub/Scrub	55	34
Woody Wetlands	606	2,545
Total	9,617	44,565

Table A4-1h.

Tables A4-1a-h. Land Use Distribution in the North Fork Obion 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
07025400	North Fork Obion River	080102020203	372.00			
07025500	North Fork Obion River	080102020205	480.00			
07026000	Obion River	080102020301	1,852.00		265.5560	241.0180
07026040	Obion River	080102020301				
07026300	Obion River	080102020308				
07026370	North Reelfoot Creek	080102020401				
07026500	Reelfoot Creek	080102020401	110.00		0.0000	0.0000
07026400	South Reelfoot Creek	080102020402				
07026795	Indian Creek	080102020404				
07027010	Running Reelfoot Bayou	080102020406				

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

AGENCY	STATION	LOCATION	HUC 12
TDEC	BEAVE001.5HN	Beaverdam Creek @ RM 1.5	080102020101
TDEC	BIRDS001.8HN	Birds Creek @ RM 1.8	080102020101
TDEC	CLEAR001.2HN	Clear Creek @ RM 1.2	080102020101
TDEC	DRY000.3HN	Dry Creek @ RM 0.3	080102020101
TDEC	ECO74B01	Terrapin Creek	080102020103
TDEC	HURRI000.7WY	Hurricane Creek @ RM 0.7	080102020104
USCOE	I	North Fork Obion River	080102020104
TDEC	CANE001.8WY	Cane Creek @ RM 1.8	080102020105
TDEC	ECO74B04	Powell Creek	080102020106
TDEC	BLACK001.8WY	Blackmore Creek @RM 1.8	080102020107
TDEC	BLACK002.2WY	Balckmore Creek @ RM 2.2	080102020107
TDEC	CYPRE000.6WY	Cypress Creek @ RM 0.6	080102020202
TDEC	CYPRE003.8WY	Cypress Creek @ RM 3.8	080102020202
TDEC	CGROU001.2WY	Campground Creek @ RM 1.2	080102020203
TDEC	1997	North Fork Obion @ RM 18.0	080102020205
TDEC	1998	North Fork Obion @ RM 10.0	080102020205
TDEC	1999	North Fork Obion @ RM 5.9	080102020205
USCOE	J	North Fork Obion River	080102020205
TDEC	1410	Harris Fork @ RM 8.9	080102020206
TDEC	CYPRE002.7OB	Cypress Creek @ RM 2.7	080102020209
TDEC	2000	North Fork Obion @ RM 4.6	080102020210
TDEC	2026	Obion River @ RM 62.4	080102020301
TDEC	BMHOL002.2OB	Burnt Mill Hollow Creek @ RM 2.2	080102020301
TDEC	DRY000.9OB	Dry Creek @ RM 0.9	080102020301
TDEC	DAVID002.6OB	Davidson Creek @ RM 2.6	080102020302
TDEC	CLOVE001.4OB	Clover Creek @ RM 1.4	080102020307
TDEC	CSPRI002.4DY	Cool Springs Branch @ RM 2.4	080102020309
TDEC	BIFFL003.0DY	Biffle Creek @ RM 3.0	080102020310
TDEC	OBION020.9DY	Obion River @ RM 20.9	080102020311
TDEC	2027	Obion River @ RM 20.9	080102020313
TDEC	2030	Obion River @ RM 8.4	080102020313
TDEC	TSPI7	Forked Deer River	080102020313
TDEC	TSPI9	Obion River	080102020313
TDEC	NREEL002.5OB	North Reelfoot Creek @ RM 2.5	080102020401
TDEC	REELFOOTCRLK07	Reelfoot Creek Lake	080102020401
TDEC	REELFOOTCRLK10	Reelfoot Creek Lake	080102020401
TDEC	REELFOOTCRLK15	Reelfoot Creek Lake	080102020401
TDEC	REELFOOTLKIS07	Reelfoot Creek Lake	080102020401
TDEC	REELFTI2	Reelfoot Creek Lake	080102020401

Table A4-4a.

AGENCY	STATION	LOCATION	HUC 12
TDEC	TAYLO000.7OB	Taylor Creek @ RM 0.7	080102020401
TDEC	TULL000.3OB	Tull Creek @ RM 0.3	080102020401
TDEC	REELFOOTCRLK01	Reelfoot Creek Lake	080102020402
TDEC	REELFOOTCRLK02	Reelfoot Creek Lake	080102020402
TDEC	REELFOOTCRLK03	Reelfoot Creek Lake	080102020402
USEPA	472701	Reelfoot Lake	080102020403
USEPA	472702	Reelfoot Lake	080102020403
USEPA	472703	Reelfoot Lake	080102020403
USEPA	472704	Reelfoot Lake	080102020403
TDEC	BAYOU000.9OB	Bayou Du Chien @ RM 0.9	080102020403
TDEC	ECO73A04	Bayou Du Chien	080102020403
TDEC	REELFOOTLKIS01	Lower Blue Basin	080102020403
TDEC	REELFOOTLKIS02	Lower Blue Basin	080102020403
TDEC	REELFOOTLKIS03	Lower Buck Basin	080102020403
TDEC	REELFOOTLKIS04	Upper Buck Basin	080102020403
TDEC	REELFOOTLKIS05	Bayou Du Chien	080102020403
TDEC	REELFOOTLKIS06	Black Slough	080102020403
TDEC	REELFTL1	Buck Basin	080102020403
TDEC	REELFTL2	Buck Basin	080102020403
TDEC	REELFTL3	Buck Basin	080102020403
TDEC	REELFTL4	Buck Basin	080102020403
TDEC	REELFTL5	Buck Basin	080102020403
TDEC	REELFTL6	Buck Basin	080102020403
TDEC	REELFTL7	Buck Basin	080102020403
TDEC	TSPI10	Reelfoot Lake	080102020403
TDEC	REELFOOTCRLK18	Reelfoot Lake	080102020404
TDEC	REELFOOTLKIS09	Indian Creek	080102020404
TDEC	REELFTI1	Indian Creek	080102020404
TDEC	ECO74A08	Paw Paw Creek	080102020405
TDEC	ECO74A10	UT to Running Reelfoot Bayou	080102020406
TDEC	REELFOOTLKIS10	Running Reelfoot Bayou	080102020406
TDEC	RREEL012.9LA	Running Reelfoot Bayou	080102020406

Table A4-4b.

Tables A4-4a-b. STORET Water Quality Monitoring Stations in the North Fork Obion River Watershed. TDEC, Tennessee Department of Environment and Conservation; USCOE, United States Army Corps of Engineers; USEPA, United States Environmental Protection Agency; UT, Unnamed Tributary.

DRAFT

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NR0502.078	Henry	Bridge Replacement	Dry Creek	080102020101
NR0602.020	Henry	Utility Line Crossing and Bank Stabilization	Dry Creek	080102020101
NR0602.022	Weakley	Culvert Installation	UT to Cane Creek	080102020105
NRS06.221	Weakley	Bridge and Approaches	Powell Creek	080102020106
NRS03.149	Weakley	SR 118 Bridge Repair	North Fork Obion River	080102020201
NRS03.149B	Weakley	SR 118 Bridge Repair	North Fork Obion River	080102020201
NRS03.149C	Weakley	SR 118 Bridge Repair	North Fork Obion River	080102020201
NRS04.030	Weakley	Bridge and Approaches	Cypress Creek	080102020202
NRS03.386	Weakley	Bridge and Approaches	North Fork Obion River	080102020203
NRS04.385	Weakley	Bridge and Approaches	Mud Creek	080102020203
NRS04.385B	Weakley	Bridge and Approaches	Mud Creek	080102020203
NR0702.038	Obion	Bridge Replacement	Harris Fork Creek	080102020206
NR0602.013	Obion	Utility Line Crossings	UT to Grove Creek	080102020207
NRS02.220	Obion	Bridge Repair	Hoosier Creek	080102020208
NR0602.041	Obion	Utility Line Relocation	Cypress Creek	080102020209
NRS05.190	Weakley	Stream Restoration and Relocation	Little Cypress Creek	080102020209
NR0602.052	Obion	Temporary Stream Relocation	UT to Davidson Creek	080102020301
NR0602.118	Obion	Construction of Intake and Outfall Structures	Dry Creek	080102020301
NR0602.119	Obion	Construction and Removal of Minor Road Crossings	UT to Dry Creek	080102020301
NR0602.066	Obion	Utility Line Crossings	UT to Davidson Creek	080102020302
NR0502.091	Obion	Bridge and Approaches	UT to Mill Creek	080102020305
NRS06.384	Gibson	Bridge and Approaches	UT to Reeds Creek	080102020309
NRS02.449	Dyer	Lift Pump Relocation	Obion River	080102020311
NRS03.349	Dyer	Bridge and Approaches	Coon Creek	080102020311
NRS03.319	Dyer	Bridge and Approaches	Pond Creek	080102020313
NRS04.277	Dyer	Bank Stabilization	Obion River	080102020313
NRS04.313	Dyer	Construction of Barge Slide	Not Identified	080102020314
NRS04.315	Dyer	Construction of Barge Slide	Mississippi River	080102020314
NR0602.122	Obion	Utility Line Crossings	North Fork Hoosier Creek & Black Branch	080102020401
NR0702.031	Obion	Utility Line Crossings	Cane Creek	080102020401
NRS07.166	Obion	Wetland Impact for Bridge Replacement	Wetlands, North Reelfoot Creek, & Cane Creek	080102020401
NR0502.082	Obion	Bank Stabilization	Reelfoot Lake	080102020403
NR0602.078	Obion	Bank Stabilization	Reelfoot Lake	080102020403
NR0602.079	Obion	Bank Stabilization	Reelfoot Lake	080102020403
NR0602.096	Lake	Bank Stabilization	Not Identified	080102020403
NR0702.003	Lake	Water Line Crossing	UT to Washout Area of Reelfoot Lake	080102020403
NRS02.285	Lake	Boat Shed and Boardwalk Construction	Reelfoot Lake	080102020403
NRS02.291	Obion	Rip Rap and Launching Ramp	Reelfoot Lake	080102020403

Table A4-5a.

PERMIT NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS02.296	Obion	Maintenance Dredging and Launching Ramp Repair	Reelfoot Lake	080102020403
NRS02.297	Lake	Maintenance Dredging and Launching Ramp Repair	Reelfoot Lake	080102020403
NRS02.414	Obion	Pontoon Lift Shed Construction	Reelfoot Lake	080102020403
NRS03.287	Obion	Navigation Permit	Reelfoot Lake	080102020403
NRS03.317	Lake	Navigation Permit	Reelfoot Lake	080102020403
NRS04.052	Obion	Navigation Permit/Sediment Removal	Reelfoot Lake	080102020403
NRS04.113	Obion	Bank Stabilization	Reelfoot Lake	080102020403
NRS04.113B	Obion	Boat Ramp and Dock Construction	Reelfoot Lake	080102020403
NRS04.326	Lake	Pier Rebuild and Expansion	Reelfoot Lake	080102020403
NRS04.405	Lake	Boat House Construction	Reelfoot Lake	080102020403
NRS05.306	Lake	Retaining Wall Construction	Reelfoot Lake	080102020403
NRS07.112	Obion	Boat House and Shoreline Repair	Reelfoot Lake	080102020403
NR0602.045	Lake	Culvert Replacement and Construction of Outfall Structure	Lake Isom	080102020406
NR0602.053	Lake	Culvert Replacement	Running Reelfoot Bayou	080102020406
NRS06.347	Lake	Bridge and Approaches	Running Reelfoot Bayou	080102020406

Table A4-5b.

Tables A4-5a-b. ARAPs (Aquatic Resource Alteration Permit) issued June 2002 through June 2007 in the Tennessee Portion of the North Fork Obion River Watershed. UT, Unnamed Tributary.

DRAFT

PERMIT NUMBER	PERMITTEE	COUNTY	LIVESTOCK	WATERBODY	HUC-12
TN0074918	Hidden Acres, LLC - Tosh	Henry	Hogs	UT to North Fork Obion River	080102020104
TN0074951	Perry Finishers	Henry	Hogs	UT to North Fork Obion River	080102020104
TNA000074	Pine Grove Poultry	Henry	Poultry	Terrapin Creek	080102020104
TNA000091	James C. Morris Poultry Operation	Weakley	Poultry	North Fork Obion River	080102020104
TNA000199	Louise O. Morris Trust	Weakley	Poultry	UT to North Fork Obion River	080102020104
TN0078735	Walters Farm	Weakley	Hogs	UT to Cane Creek	080102020105
TN0078468	T & S Farm	Weakley	Poultry	Raccoon Creek	080102020107
TN0078425	Van Nickel Poultry Farm	Weakley	Poultry	UT to Stephens Creek	080102020201
TNA000189	Dirks Poultry Farm	Weakley	Poultry	Stephens Creek	080102020201
TN0074900	Turbeville Finishers	Weakley	Hogs	UT to Cypress Creek	080102020202
TN0079022	R & R Farms Bennett Facility	Weakley	Hogs	Cypress Creek & Wright Branch	080102020202
TN0079031	Rea Farms Damron Bottom Facility	Weakley	Hogs	North Fork Obion River	080102020203
TN0078620	Tosh Farms - Martin	Weakley	Hogs	Not Identified	080102020205
TNA000184	Joe & Lori Morrow	Obion	Poultry	UT to Cypress Creek	080102020209
TNA000195	Troy Doster	Obion	Poultry	UT to Cypress Creek	080102020209
TNA000020	G & T Farm	Obion	Poultry	UT to Obion River	080102020301
TNA000013	Hutchinson Poultry Farm	Obion	Poultry	Reelfoot Creek	080102020401
TNA000116	William R. Shelton	Obion	Poultry	Cane Creek	080102020401

Table A4-6. CAFO (Concentrated Animal Feed Operation) Permittees in the Tennessee Portion of the North Fork Obion River Watershed. UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE: DESCRIPTION	COUNTY	WATERBODY	AREA	HUC-12
TNR120500	Henry County: Hwy 641 Widening	Henry	UT Phillips Creek, Phillips Creek & North Fork Obion River	2.00	080102020101
TNR120624	Jeremy Walters: Hog Barn	Weakley	Cane Creek	3.00	080102020105
TNR190698	TDOT: Austin Springs Road Bridge Replacement	Weakley	Powell Creek	1.80	080102020106
TNR120819	Lane Dirks: Austin Springs Poultry Farm	Weakley	Blackamore Creek	5.00	080102020107
TNR120294	Keith Swafford: Swafford Chicken Houses	Weakley	Not Identified	4.90	080102020201
TNR120405	Ralph and Virginia Dirks: Poultry Barn	Weakley	Not Identified	2.00	080102020201
TNR120689	Rea Farms: Hog Barn	Weakley	UT to Wright Branch & Cypress Creek	1.50	080102020202
TNR190412	TDOT: Burlie Smith Road	Weakley	Branch of Cypress Creek	1.19	080102020202

Table A4-7a.

PERMIT NUMBER	PERMITTEE: DESCRIPTION	COUNTY	WATERBODY	AREA	HUC-12
TNR120733	Rea Farms: Hog Barns	Weakley	Tommy Creek	4.10	080102020203
TNR190410	TDOT: Old Rutherford Road	Weakley	North Fork Obion River Overflow	3.01	080102020203
TNR120582	Obion County Joint Economic Development: Building and Parking Area	Obion	Pursley Branch	5.30	080102020207
TNR120672	West Tennessee River Basin Authority: Levee Improvements and Spillway Construction	Obion	Grove Creek	7.30	080102020207
TNR120318	Robert Berner: Berner Farms	Obion	Not Identified	10.00	080102020208
TNR120798	Tanner Farms: Sasafraz Restaurant	Obion	UT to Hoosier Creek	1.13	080102020208
TNR120385	Martin Meadows L.P.: Shady Lane Residential Community	Weakley	Not Identified	23.00	080102020209
TNR120485	Second Baptist Church: Church Addition and Parking Area	Obion	First Creek to Hoosier Creek	5.82	080102020209
TNR120522	Wal-Mart Supercenter	Weakley	UT to Cypress Creek	32.52	080102020209
TNR190292	TDOT: SR 5	Obion	North Fork Obion River	4.49	080102020210
TNR120725	Ethanol Grain Processors, LLC: Manufacturing Plant	Obion	Dry Creek & Obion River	1.10	080102020301
TNR120408	Obion County School District: Obion County Central High School	Obion	Not Identified	19.00	080102020302
TNR120453	Northwest Tennessee Disposal Corporation: Landfill and Barrow Pit Operations	Obion	Not Identified	57.00	080102020302
TNR190534	TDOT: Jack Long Road	Obion	Mill Creek	2.28	080102020305
TNR190728	TDOT: Claude McKnight Road	Gibson	Parker Branch, Reeds Creek, & UT	1.72	080102020309
TNR120307	Bill Parks: Crowne Point Subdivision	Dyer	Not Identified	10.00	080102020310
TNR190233	TDOT:SR 124 Bridge & Approaches	Weakley	UT to Spring Creek	4.06	080102020310
TNR190347	TDOT: I 155 & SR 181	Dyer	Not Identified	8.00	080102020313
TNR190431	TDOT: Possum Trot Road Bridges & Approaches	Obion	South Reelfoot Creek, Reelfoot Creek, & Reelfoot Lake	4.61	080102020402
TNR120760	Reelfoot Utility District: Water System Improvements	Lake	Reelfoot Lake	4.90	080102020403

Table A4-7b

PERMIT NUMBER	PERMITTEE: DESCRIPTION	COUNTY	WATERBODY	AREA	HUC-12
TNR120411	City of Ridgely: Water System Improvements	Lake	Not Identified	6.50	080102020406
TNR120801	David Hutcheson: Borrow Pit for Ford Construction	Obion	UT to Daughtery Creek to Running Reelfoot Bayou to Obion River	4.90	080102020406
TNR190694	TDOT: Madie Thompson Road, Bridge and Approaches	Lake	Running Reelfoot Bayou	1.53	080102020406

Table A4-7c.

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

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	WATERBODY	HUC-12
TN0030465	H. C. Spinks Clay Company, Inc. (Mine #10- Black Charm)	1455	Kaolin & Ball Clay	UT to North Fork Obion River	080102020101
TN0046281	Kentucky-Tennessee Clay Company (Mine #13-Shankle)	1455	Kaolin & Ball Clay	UT to North Fork Obion River	080102020101
TN0045837	Old Hickory Clay Company (Cottage Grove Mine #4)	1455	Kaolin & Ball Clay	Walnut Fork Creek	080102020102
TN0046221	Kentucky-Tennessee Clay Company (Mine #5-Collier)	1455	Kaolin & Ball Clay	Walnut Fork Creek	080102020102
TN0065641	Kentucky-Tennessee Clay Company (Mine #20-Moore)	1455	Kaolin & Ball Clay	Terrapin Creek	080102020103
TN0071820	Hank Riley Excavating and Haul (Vaughn Mine)	1442	Construction Sand & Gravel	Davidson Creek	080102020302
TN0071129	Ford Construction Company (Troy Plant)	1442	Construction Sand & Gravel	Mill Creek & Little Richland Creek	080102020305
TN0071137	Waterland Trucking Service, Inc. (Waterland Mine)	1442	Construction Sand & Gravel	Mill Creek	080102020305
TN0071242	Ford Construction Company, Inc. (Orr Pit)	1442	Construction Sand & Gravel	Richland Creek	080102020306
TN0072001	Roberson Rock (Roberson Pit)	1442	Construction Sand & Gravel	Richland Creek	080102020306

Table A4-8a.

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	WATERBODY	HUC-12
TN0072052	Ford Construction Company, Inc. (Old London Pit)	1442	Construction Sand & Gravel	UT to Richland Creek	080102020306
TN0071595	T. Y. Farming Company, Inc. (Yarbro Gravel Mine)	1442	Construction Sand & Gravel	Coon Creek Watershed Lake	080102020311

Table A4-8b.

Tables 4-8a-b. Permitted Mining Facilities in the Tennessee Portion of the North Fork Obion River Watershed. SIC, Standard Industrial Code; UT Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	SIC	SIC NAME	MADI	WATERBODY	HUC-12
TN0022896	Cottage Grove School	4952	Sewerage Systems	Minor	UT @ RM 1.4 to Walnut Fork Creek @ RM 4.4	080102020102
TN0064912	South Fulton STP	4952	Sewerage Systems	Minor	North Fork Obion River @ RM 18.0	080102020203
TN0000931	Griffin Industries, Inc.	2077	Animal and Marine Fats and Oils	Minor	North Fork Obion River @ RM 9.5	080102020205
TN0021580	Union City STP	4952	Sewerage Systems	Major	North Fork Obion River @ RM 8.2	080102020207
TN0073563	Tyson Foods, Inc.	2015	Poultry Slaughtering and Processing	Minor	North Fork Obion River @ RM 10.0	080102020207
TN0001139	Goodyear Tire and Rubber Company	3011	Tires and Inner Tubes	Minor	First Creek @ RM 2.3 & UT @ RM 1.1 to First Creek @ RM 1.2	080102020208
TN0062120	Trimble STP	4952	Sewerage Systems	Minor	Obion River @ RM 55.2	080102020301
TN0062171	Obion Wastewater Lagoon	4952	Sewerage Systems	Minor	Obion River @ RM 56.2	080102020301
TN0064777	Troy Wastewater Lagoon	4952	Sewerage Systems	Minor	Obion River @ RM 61.2	080102020301
TN0062111	Newbern STP	4952	Sewerage Systems	Major	Obion River @ RM 46.0	080102020309
TN0062529	Ridgely STP	4952	Sewerage Systems	Minor	Mississippi River @ RM 857.5	080102020406

Table A4-9. Municipal and Industrial Permittees in the Tennessee Portion of the North Fork Obion River Watershed. SIC, Standard Industrial Code; MADI, Major Discharge Indicator; UT, Unnamed Tributary.

PERMIT NUMBER	PERMITTEE	WATERBODY	HUC-12
TNG110077	Federal Materials Company, Inc.	First Creek	080102020207
TNG110156	Southern Concrete Products, Inc.	UT (First Creek) to Hoosier Creek to North Fork Obion River	080102020208

Table A4-10. RMCP (Ready Mix Concrete Plant) Permittees in the Tennessee Portion of the North Fork Obion River Watershed. UT, Unnamed Tributary

PERMIT NUMBER	PERMITTEE	SECTOR	AREA	WATERBODY	HUC-12
TNR050461	Middleton Lumber Company, LLC	A	15.00	Rowe Creek	080102020101
TNR053088	Henry County Airport	AB	0.99	Birds Creek to North Fork Obion River	080102020102
TNR054389	Miller's Country Hams, Inc.	U	14.29	Little Cane Creek @ RM 3.7	080102020105
TNR051293	Ford Construction Company Union City	D	13.00	North Fork Obion River	080102020205
TNR053193	Everett-Stewart Airport	S	5.00	Obion River	080102020205
TNR050053	Waymatic, Inc.	AA	17.55	Harris Fork Creek to North Fork Obion River	080102020206
TNR052063	Tyson Foods, Inc. Feedmill South Fulton	U	11.10	Harris Fork Creek	080102020206
TNR053362	City of South Fulton Landfill	L	40.00	UT to Harris Ford Creek	080102020206
TNR056111	Duke & Riley Trucking & Leasing, Inc.	M	5.00	Not Identified	080102020206
TNR052111	Tyson Foods, Inc.	U	30.00	Harris Fork Creek	080102020207
TNR056411	A.L. Strub Wastewater Treatment Plant	T	5.00	UT to Grove Creek	080102020207
TNR050129	Lennox Hearth Products	AA	8.65	WWC to First Creek to Obion River	080102020208
TNR050203	Kohler Company	F	13.04	Unnamed Ditch to First Creek to Hoosier Creek to North Fork Obion River	080102020208
TNR053891	Goodyear Tire and Rubber Company	Y	2.40	UT @ RM 0.7 to Grove Creek @ RM 6.9	080102020208
TNR054438	H & O Tool & Die Company	AA	5.00	First Creek	080102020208
TNR056367	Troy, Tennessee Transfer Station and MRF	P	15.00	Hoosier Creek	080102020208
TNR050834	C & H Auto Salvage II	M	37.00	Little Cypress Creek	080102020209
TNR050971	Doyle Sims & Sons Truck, Inc.	P	4.00	UT to Cane Creek	080102020209
TNR050214	Younger and Son Salvage	M	5.00	Troy Creek to Obion River	080102020302
TNR050371	Northwest Tennessee Disposal Corporation	L	2.84	Rockspring Branch to Davidson Creek	080102020302

Table A4-11a.

PERMIT NUMBER	PERMITTEE	SECTOR	AREA	WATERBODY	HUC-12
TNR050473	Storey Sawmill & Lumber Company, Inc.	A	8.00	Troy Creek	080102020302
TNR050592	Hanafee Bros. Sawmill Company, Inc.	A	5.00	Troy Creek	080102020302
TNR052080	Northwest Tennessee Disposal Corporation	L	1.96	Rockspring Creek to Davidson Creek	080102020302
TNR053883	Stacks Salvage Recyclers	N	2.80	Troy Creek & Obion River	080102020302
TNR056016	A & J Salvage	M	26.00	Not Identified	080102020302
TNR051290	Ford Construction Company Troy	D	29.00	Mill Creek	080102020305
TNR051538	Holloway Repair Facility	P	12.00	Reed Creek	080102020309
TNR053137	Eaton Corporation, Hydraulics Fluid Conveyance	Y	20.00	Mulherin Creek to Biffle Creek	080102020309
TNR053411	Jimmy Dean Foods	U	1.60	Biffle Creek	080102020310
TNR052026	Williams Sausage Company, Inc.	U	5.00	UT to North Reelfoot Creek	080102020401
TNR054246	Roberson Brothers Sawmill, Inc.	A	15.00	UT to North Reelfoot Creek	080102020401
TNR055957	Speed Farms	J	4.00	Not Identified	080102020401
TNR053467	Reelfoot Lake Airpark	S	1.00	Upper Blue Basin & Reelfoot Lake	080102020403
TNR056279	Shawtown Auto Salvage	M	10.00	Not Identified	080102020403
TNR056390	C & H Auto Salvage	M	30.00	Storm Sewer to UT to Running Reelfoot Bayou	080102020406

Table 4-11b.

Tables 4-11a-b. TMSPs (Tennessee Multi Sector Permit) issued in the Tennessee Portion of the North Fork Obion River Watershed. Area, acres of property associated with industrial activity; UT Unnamed Tributary. See Table 4-12 for Sector Details.

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.