

APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0101	0102	0201	0202	0401
Bare Rock/Sand/Clay	1				
Deciduous Forest	8,434	874	11,701	5,300	3,524
Developed Open Space	3,482	412	3,503	2,034	1,021
Emergent Herbaceous Wetlands	1				32
Evergreen Forest	777	61	1,021	324	144
Grassland/Herbaceous	220	10	377	14	72
High Intensity Development	109		42		15
Low Intensity Development	425	15	611	60	38
Medium Intensity Development	207	1	144	16	9
Mixed Forest	220	11	224	89	32
Open Water	62	4	29	19	65
Pasture/Hay	14,672	1,151	16,996	7,205	8,826
Row Crops	14,092	4,157	3,219	17,047	4,070
Shrub/Scrub	7		10	2	
Woody Wetlands					19
Total	42,711	6,697	37,877	32,110	17,865

Table A4-1a.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0402	0403	0404	0405	0406
Bare Rock/Sand/Clay				1	3
Deciduous Forest	3,073	4,479	1,533	3,029	4,928
Developed Open Space	1,204	1,323	577	1,455	974
Emergent Herbaceous Wetlands		91	4	6	1
Evergreen Forest	89	338	101	160	393
Grassland/Herbaceous	17	53	20	43	100
High Intensity Development	1	1	2	260	
Low Intensity Development	12	105	64	650	128
Medium Intensity Development	8	12	7	415	
Mixed Forest	38	38	23	12	76
Open Water	20	76	24	72	26
Pasture/Hay	6,208	7,455	2,866	5,786	6,131
Row Crops	8,219	5,868	5,566	5,977	1,388
Shrub/Scrub	3	4		2	1
Woody Wetlands		138	31	181	54
Total	18,890	19,979	10,818	18,050	14,203

Table A4-1b.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0407	0501	0502	0503	0504
Bare Rock/Sand/Clay	15		92		
Deciduous Forest	5,376	14,129	3,631	9,088	5,933
Developed Open Space	2,929	2,951	1,603	1,987	1,097
Emergent Herbaceous Wetlands	10	1	4	2	10
Evergreen Forest	493	1,071	366	391	407
Grassland/Herbaceous	102	726	67	333	141
High Intensity Development	325	31	235	66	
Low Intensity Development	1,927	357	859	499	23
Medium Intensity Development	697	126	438	248	3
Mixed Forest	26	237	69	123	52
Open Water	133	73	68	17	39
Pasture/Hay	4,548	17,298	5,448	9,964	10,689
Row Crops	680	4,069	1,861	664	1,501
Shrub/Scrub		18	2	3	12
Woody Wetlands	610				1
Total	17,871	41,088	14,744	23,385	19,909

Table A4-1c.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0505	0506	0603	0604	0605
Bare Rock/Sand/Clay	1		3	17	
Deciduous Forest	6,516	6,803	1,200	4,745	1,758
Developed Open Space	676	1,486	370	1,523	1,016
Emergent Herbaceous Wetlands	2	28	5	10	
Evergreen Forest	440	549	40	231	117
Grassland/Herbaceous	559	372	22	85	11
High Intensity Development		7	6	61	25
Low Intensity Development	10	73	237	645	507
Medium Intensity Development	4	9	39	107	92
Mixed Forest	96	96	1	37	4
Open Water	18	87	140	22	94
Pasture/Hay	5,968	10,333	1,288	2,768	1,179
Row Crops	556	4,509	1,741	10,346	349
Shrub/Scrub			4		6
Woody Wetlands		87	62	176	180
Total	14,846	24,436	5,159	20,772	5,337

Table A4-1d.

LAND USE/LAND COVER	AREAS IN HUC-12 SUBWATERSHEDS (ACRES)				
	0701	0702	0703	0704	0705
Bare Rock/Sand/Clay				287	7
Deciduous Forest	9,803	20,586	4,161	9,599	3,249
Developed Open Space	425	878	1,763	1,017	2,342
Emergent Herbaceous Wetlands	3	8	20	5	4
Evergreen Forest	964	7,090	310	1,723	205
Grassland/Herbaceous	1,457	722	170	293	129
High Intensity Development	64	2	250	15	96
Low Intensity Development	137	65	1,146	215	1,058
Medium Intensity Development	113	9	386	153	344
Mixed Forest		12		10	3
Open Water	17	89	11	26	43
Pasture/Hay	333	1,185	299	1,907	739
Row Crops	1,988	1,968	1,089	1,668	1,221
Shrub/Scrub	19	34	10	14	10
Woody Wetlands		1	11		50
Total	15,324	32,651	9,626	16,933	9,502

Table A4-1e.

Table A4-1a-e. Land Use Distribution in the Red 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					
3435030	0513020601	Red River	15.10	24.4	1650.0	0.7	na	na	na	na	na
3435020	0513020601	Red River	9.32	na	na	na	na	na	na	na	na
3435500	0513020604	Red River	706.00	934.9	40100.0	30.0	na	na	na	41.8	36.3
3436100	0513020604	Red River	935.00	1307.6	56600.0	52.0	98.4	64.9	65.4	66.6	61.3
3435600	0513020605	Mill Branch	3.50	na	na	na	na	na	na	na	na
3435770	0513020605	Sulphur Fork	65.60	96.8	5570.0	2.4	na	na	na	na	na
3436000	0513020605	Sulphur Fork	186.00	253.7	20800.0	1.9	10.2	4.6	4.7	5.0	3.7

Table A4-3. Stream Flow Data from USGS Gaging Stations in the Red 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	AUSTI000.4SR	Austin Branch @ RM 0.4	051302060101
TDECWPC	AUSTI001.7SR	Austin Branch @ RM 1.7	051302060101
TDECWPC	BUNTI000.4RN	Buntin Branch @ 0.4	051302060101
TDECWPC	BUNTI002.3SR	Buntin Branch @ RM 2.3	051302060101
TDECWPC	HTOWN000.2SR	Hall Town Creek @ RM 0.2	051302060101
TDECWPC	HTOWN001.3SR	Hall Town Creek @ RM 1.3	051302060101
TDECWPC	NEAL001.0RN	Neal Branch @ RM 1.0	051302060101
TDECWPC	RED082.3RN	Red River @ RM 82.3	051302060101
TDECWPC	RED090.5SR	Red River @ RM 90.5	051302060101
TDECWPC	RED093.0SR	Red River @ RM 93.0	051302060101
TDECWPC	RED095.6SR	Red River @ RM 95.6	051302060101
TDECWPC	RED097.7SR	Red River @ RM 97.7	051302060101
TDECWPC	RED1T0.5SR	UT to Red River @ RM 0.5	051302060101
TDECWPC	SOMER000.1RN	Somerville Branch @ RM 0.1	051302060101
TDECWPC	SUMME000.8RN	Summers Branch @ RM 0.8	051302060101
TDECWPC	SUMME006.6SR	Summers Branch @ RM 6.6	051302060101
TDECWPC	SUMME008.6SR	Summers Branch @ RM 8.6	051302060101
TDECWPC	SUMME008.7SR	Summers Branch @ RM 8.7	051302060101
TDECWPC	SUMME008.8SR	Summers Branch @ RM 8.8	051302060101
TDECWPC	SUMME009.8SR	Summers Branch @ RM 9.8	051302060101
TDECWPC	SUMME1T0.02SR	UT to Summers Branch @ RM 0.02	051302060101
TDECWPC	SUMME1T0.1SR	UT to Summers Branch @ RM 0.1	051302060101
TDECWPC	RED080.0RN	Red River @ RM 80.0	051302060102
TDECWPC	FREY000.1RN	Frey Branch @ RM 0.1	051302060201
TDECWPC	FREY000.5RN	Frey Branch @ RM 0.5	051302060201
TDECWPC	HONEY000.4RN	Honey Run @ RM 0.4	051302060201
TDECWPC	HRUN010.6SR	Honey Run Branch @ RM 10.6	051302060201
TDECWPC	JONES000.3SR	Jones Branch @ RM 0.3	051302060201
TDECWPC	MAXWE000.1SR	Maxwell Branch @ RM 0.1	051302060201
TDECWPC	MAXWE001.7SR	Maxwells Branch Creek @ RM 1.7	051302060201
TDECWPC	RONEY000.2SR	Roney Creek @ RM 0.2	051302060201
TDECWPC	SANDE000.1RN	Sanders Branch @ RM 0.1	051302060201
TDECWPC	SFRED022.7RN	South Fork Red R @ RM 22.7	051302060201
TDECWPC	SFRED029.1RN	South Fork Red River @ RM 29.1	051302060201
TDECWPC	HOPEW000.2RN	Hopewell Branch @ RM 0.2	051302060202
TDECWPC	SFRED007.5RN	South Fork Red River @ RM 7.5	051302060202
TDECWPC	SMITH000.8RN	Smith Branch @ RM 0.8	051302060202
TDECWPC	ECO71E09	Buzzard Creek @ RM 1.3	051302060401
21KY	PRI069	Red River Near Keysburg	051302060401
TDECWPC	RED047.0RN	Red River @ RM 47.0	051302060401
TDECWPC	SFRED023.4RN	South Fork Red River @ RM 23.4	051302060402

Table A4-4a.

AGENCY	STATION	LOCATION	HUC-12
TDECWPC	SPRIN001.3RN	Spring Creek @ RM 1.3	051302060402
TDECWPC	VALLE001.5RN	Valley Branch @ RM 1.5	051302060402
TDECWPC	VALLE1T0.7RN	UT to Valley Branch @ RM 0.7	051302060402
TDECWPC	STURG000.7RN	Sturgeon Creek @ RM 0.7	051302060403
TDECWPC	EFORK003.4RN	Elk Fork Creek @ RM 3.4	051302060404
TDECWPC	EFORK004.5RN	Elk Fork River @ RM 4.5	051302060404
TDECWPC	RED024.7MT	Red River @ RM 24.7	051302060405
TDECWPC	ECO71E14	Passenger Creek @ RM 1.6	051302060406
TDECWPC	SSPRI000.2MT	Seven Springs Branch @ RM 0.2	051302060406
TDECWPC	DUNBA000.3MT	Dunbar Creek @ RM 0.3	051302060407
TDECWPC	DUNBA001.2MT	Dunbar Lake @ RM 1.2	051302060407
TDECWPC	RED000.2MT	Red River @ RM 0.2	051302060407
TDECWPC	RED008.4MT	Red River @ RM 8.4	051302060407
TDECWPC	BDAM000.1RN	Beaver Dam Creek @ RM 0.1	051302060501
TDECWPC	BDAM001.5RN	Beaver Dam Creek @ RM 1.5	051302060501
TDECWPC	LONG000.1RN	Long Branch @ RM 0.1	051302060501
TDECWPC	LONG000.7RN	Long Branch @ RM 0.7	051302060501
TDECWPC	PBRID001.0RN	Pole Bridge Branch @ RM 1.0	051302060501
TDECWPC	PEYTO000.5RN	Peyton Branch @ RM 0.5	051302060501
TDECWPC	SANTE000.8RN	Santee Creek @ RM 0.8	051302060501
TDECWPC	SAVAG001.0RN	Savage Branch @ RM 1.0	051302060501
TDECWPC	SFORK042.6RN	Sulphur Fork Creek @ RM 42.6	051302060501
TDECWPC	SULPH032.2RN	Sulphur Fork @ RM 32.2	051302060501
TDECWPC	SULPH039.3RN	Sulphur Fork @ RM 39.3	051302060501
TDECWPC	SULPH1T0.3RN	Sulphur Fork UT @ RM 0.3	051302060501
TDECWPC	PEPPE000.4RN	Pepper's Branch @ RM 0.4	051302060502
TDECWPC	SFORK023.4RN	Sulphur Fork Creek @ RM 23.4	051302060502
TDECWPC	SULPH023.1RN	Sulphur Fork @ RM 23.1	051302060502
TDECWPC	SULPH023.2RN	Sulphur Fork @ RM 23.2	051302060502
TDECWPC	SULPH023.3RN	Sulphur Fork @ RM 23.3	051302060502
TDECWPC	SULPH031.0RN	Sulphur Fork @ RM 31.0	051302060502
TDECWPC	SULPH031.6RN	Sulphur Fork @ RM 31.6	051302060502
TDECWPC	WARTR000.2RN	Wartrace Creek @ RM 0.2	051302060502
TDECWPC	WARTR000.3RN	Wartrace Creek @ RM 0.3	051302060502
TDECWPC	BROWN000.4RN	Browns Fork @ RM 0.4	051302060503
TDECWPC	BRUSH000.9RN	Brushy Creek @ RM 0.9	051302060503
TDECWPC	CARR001.4RN	Carr Creek @ RM 1.4	051302060503
TDECWPC	CARR005.2RN	Carr Creek @ RM 5.2	051302060503
TDECWPC	CARR010.0RN	Carr Creek @ RM 10.0	051302060503
TDECWPC	CARR1T0.6RN	UT to Carr Creek @ RM 0.6	051302060503
TDECWPC	CRAWF000.1RN	Crawford Branch @ RM 0.1	051302060503
TDECWPC	FLAT001.0RN	Flat Branch @ RM 1.0	051302060503
TDECWPC	PHOUS000.7RN	Poor House Branch @ RM 0.7	051302060503

Table A4-4b.

AGENCY	STATION	LOCATION	HUC-12
TDECWPC	POORH000.7RN	Poorhouse Branch @ RM 0.7	051302060503
TDECWPC	CALEB001.0RN	Calebs Creek @ RM 1.0	051302060504
TDECWPC	HOOD000.8RN	Hood Branch @ RM 0.8	051302060504
TDECWPC	SPRIN000.1RN	Spring Creek @ RM 0.1	051302060504
TDECWPC	SPRIN000.2RN	Spring Creek @ RM 0.2	051302060504
TDECWPC	HRUN000.1RN	Honey Run Creek @ RM 0.1	051302060505
TDECWPC	MILLE000.6RN	Millers Creek @ RM 0.6	051302060505
TDECWPC	BRUSH001.8RN	Brush Creek @ RM 1.8	051302060506
TDECWPC	CSPRI001.4RN	Chambers Spring Br @ RM 1.4	051302060506
TDECWPC	RED025.5MT	Red River @ RM 25.5	051302060506
TDECWPC	SULPH000.1RN	Sulphur Fork @ RM 0.1	051302060506
TDECWPC	SULPH000.2RN	Sulphur Fork @ RM 0.2	051302060506
TDECWPC	SULPH010.2RN	Sulphur Fork @ RM 10.2	051302060506
TDECWPC	WFBRU000.8RN	West Fork Brush Cr @ RM 0.8	051302060506
TDECWPC	SPRIN000.6MT	Spring Creek @ RM 0.6	051302060604
TDECWPC	SPRIN009.8MT	Spring Creek @ RM 9.8	051302060604
TDECWPC	SPRIN011.3MT	Spring Creek @ RM 11.3	051302060604
TDECWPC	RED001.5MT	Red River @ RM 1.5	051302060605
TDECWPC	WFRED001.3MT	West Fork Red River @ RM 1.3	051302060605
TDECWPC	NSPRI000.3MT	Noahs Spring Branch @ RM 0.3	051302060701
TDECWPC	JORDO001.0MT	Jordon Creek @ RM 1.0	051302060702
TDECWPC	LITTL000.5MT	Little Creek @ RM 0.5	051302060702
TDECWPC	MOSS000.1MT	Moss Creek @ RM 0.1	051302060702
TDECWPC	PINEY000.4MT	Piney Fork @ RM 0.4	051302060702
TDECWPC	LWFOR009.4MT	Little West Fork Creek @ RM 9.4	051302060703
TDECWPC	LWFRE010.5MT	Little West Fork Red River @ RM 10.5	051302060703
TDECWPC	FLETC000.1MT	Fletchers Fork @ RM 0.1	051302060704
TDECWPC	RACCO001.0MT	Raccoon Branch @ RM 1.0	051302060704
TDECWPC	LWEST003.0MT	Little West Fork @ RM 3.0	051302060705
21KY	CRW004	West Fork Red River Near Oak Grove	Kentucky
21KY	CRW005	Whippoorwill Creek Near Dot	Kentucky

Table A4-4c.

Table A4-4a-c. STORET Water Quality Monitoring Stations in the Red River Watershed.
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
TN0067962	Delta Express #1028	5541	Convenience Store with Gas	Minor	Honey Run Creek	051302060101
TN0059404	White House STP	4952	Sewerage Systems	Minor	Frey Branch @ RM 2.2	051302060201
TN0058076	Jo Byrns School	4952	Sewerage Systems	Minor	UT @ RM 1.1 to Sturgeon Creek @ RM 2.4	051302060403
TN0055964	Trane Co.-Clarksville	3585	Air Conditioning and Warm Air Heating Equipment	Minor	UT to Sink Hole and WWC to Sink Hole to UT of Gibbs Spring	051302060405
TN0064807	TDOT I-24 Welcome Ctr	4952	Sewerage Systems	Minor	Sinkhole	051302060405
TN0073725	Ridgetop Shell Station	5541	Convenience Store with Gas	Minor	WWC to UT to Pole Bridge Branch @ RM 1.1	051302060501
TN0024961	Springfield STP	4952	Sewerage Systems	Minor	Sulphur Fork Creek @ RM 23.2	051302060502
TN0062103	Collins & Aikman Carpet	2396	Textile Automotive Trimmings	Minor	UT @ RM 0.6 to Wartrace Creek @ RM 1.9	051302060502
TN0058921	Holley Performance Products	3592	Carburetors, Pistons, Rings, and Valves	Minor	Sulphur Fork Creek @ RM 29.4	051302060502
TN0064645	Precision Products of TN	3544	Industrial Molds	Minor	Storm Drain to WWC to Sulphur Fork Creek @ RM 26.4	051302060502
TN0031127	SIRCO	3624	Carbon and Graphite Production	Minor	WWC to Spring Creek @ RM 11.5	051302060604
TN0021296	CH2M Hill Services	9711	National Security	Major	Little West Fork Creek @ RM 10.4	051302060703

Table A4-5. NPDES Permittees in the Red River Watershed. SIC, Standard Industrial Classification; MADI, Major Discharge Indicator; UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

FACILITY NUMBER	PERMITEE	SIC	SIC NAME	WATERBODY	HUC-12
TN0072028	Rogers Group, Incorporated (Cross Plains Quarry)	1422	Crushed and Broken Limestone	UT to South Fork Red River	051302060201
TN0026476	Vulcan Construction Materials (Clarksville Quarry)	1422	Crushed and Broken Limestone	Red River	051302060407
TN0053783	Kopper-Glo Fuel, Incorporated (Refuse Area #1)	1221	Bituminous Coal and Lignite Surface Mining	UT to Rock Creek	051302060502
TN0063134	Rinker Materials-South Central (Springfield Quarry)	1422	Crushed and Broken Limestone	Pepper Branch	051302060502

Table A4-6. Active Permitted Mining Sites in the Red River Watershed. SIC, Standard Industrial Classification; UT, Unnamed Tributary.

FACILITY NUMBER	PERMITEE	WATERBODY	HUC-12
TN0077925	Springfield WTP	Red River	051302060401

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

FACILITY NUMBER	FACILITY NAME	WATERBODY	HUC-12
TNG110103	Garrott Brothers Cont. Mix	WWC to Donoho Branch	051302060101
TNG110227	Garrott Brothers Cont. Mix	Honey Run Creek	051302060201
TNG110075	IMI South	WWC to West Fork Red River	051302060405
TNG110194	Nashville Ready-Mix Co.	West Fork Red River	051302060407
TNG110072	Orgain Ready-Mix Co.	West Fork Red River	051302060407
TNG11074	IMI South	WWC to Red River	051302060407
TNG110075	IMI South	WWC to West Fork Red River	051302060405
TNG110122	Garrott Brothers Cont. Mix	Metro Storm Sewer	051302060501
TNG110300	101 st Ready-Mix Concrete	Barkley Reservoir	051302060605
TNG110263	Orgain Ready-Mix Co.	Ground Water	051302060703

Table A4-8. Ready Mix Concrete Plants in the Red River Watershed. UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

LOG NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS01.378	Sumner			051302060101
NRS00.209	Sumner	Impoundment	UT to Sumners Branch	051302060101
NRS03.298	Sumner	Detention Pond	Wetland	051302060201
NRS05.343	Sumner		Wetland & Buntin Branch	051302060101
NRS06.289	Sumner		UT to Summers Branch	051302060101
NRS04.358	Sumner		Red River	051302060101
NRS06.289A	Sumner		UT to Summers Branch	051302060101
NRS06.289B	Sumner		UT to Summers Branch	051302060101
NRS07.003	Sumner		UT to West Fork Drakes Creek	051302060101
NRS0504.367	Robertson		UT to Empson Branch	051302060201
NRS0504.368	Robertson		Frey Branch	051302060201
NRS0604.044	Sumner		UT to Jones Branch	051302060201
NRS0604.045	Sumner		Frey Branch	051302060201
NRS0604.178	Robertson		Frey Branch	051302060201
NRS0604.199	Robertson		UT to Frey Branch	051302060201
NRS0704.072	Robertson		UT to Frey Branch	051302060201
NRS0704.073	Robertson		Wetlands	051302060201
NRS03.298	Sumner		Contiguous Wetland	051302060201
NRS04.368	Robertson		Contiguous Wetland	051302060201
NRS04.368B	Robertson		Contiguous Wetland	051302060201
NRS04.368C	Robertson		Frey Branch	051302060201
NRS04.368D	Robertson		Frey Branch	051302060201
NRS04.368E	Robertson		Frey Branch	051302060201
NRS02.256	Robertson		Red River	051302060401
NRS06.039	Robertson		UT to Sturgeon Creek and Wetlands	051302060403
NR0604.332	Montgomery		UT to Spring Creek	051302060404
NRS00.090	Montgomery	Culvert Extension	Wetland and UT to Raccoon Branch	051302060405
NRS02.266	Montgomery	Bridge Repair	Red River	051302060405
NR0604.375	Montgomery		UT to Big McAdoo Creek	051302060406
NR0604.376	Montgomery		UT to Big McAdoo Creek	051302060406
NRS01.332	Montgomery	Sewer Extension	Red River and Tributaries	051302060407
NRS01.199	Montgomery		UT to Red River	051302060407
NRS00.144	Montgomery		Red River	051302060407
NRS00.026	Montgomery		Swan Lake	051302060407
NRS02.179	Montgomery		Unnamed Tributary	051302060407
NRS02.338	Montgomery		Red River	051302060407
NRS05.108	Montgomery		Unnamed Tributary	051302060407
NR0504.392	Montgomery		UT to Red River	051302060407
NR0604.026	Montgomery		UT to Red River	051302060407
NR0604.136	Montgomery		UT to Red River	051302060407
NR0604.012	Robertson		Sulphur Fork Red River	051302060501
NR0604.013	Robertson		UT to Sulphur Fork Red River	051302060501
NR0604.071	Robertson		Sulphur Fork Red River	051302060501
NR0604.075	Robertson		Long Branch	051302060501
NR0604.219	Robertson		UT to Sulphur Fork Red River	051302060501
NR0604.348	Robertson		Sulphur Fork Red River	051302060501
NR0604.378	Robertson		UT to Sulphur Fork Red River	051302060501
NRS00.014	Robertson		UT to Sulphur Fork Creek	051302060501

Table A4-9a.

LOG NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS01.401	Robertson		UT to Greenbrier Lake	051302060501
NRS02.236	Robertson		Sulphur Fork Creek	051302060501
NR03.373	Sumner		Honey Run Creek	051302060501
NR04.367	Davidson		Cumberland River	051302060501
NR04.367B	Davidson		Love Branch	051302060501
NR04.367C	Davidson		Love Branch	051302060501
NR04.367D	Davidson		Love Branch	051302060501
NR05.377	Robertson		Sulphur Fork Creek	051302060501
NR0504.364	Robertson		UT to Wartrace Creek	051302060502
NR0704.005	Robertson		Wartrace Creek	051302060502
NRS00.131	Robertson		Black Branch	051302060502
NRS01.130	Robertson		Sulphur Fork Creek	051302060502
NRS02.104	Robertson		Sulphur Fork Creek	051302060502
NRS06.177	Robertson		UT to Wartrace Creek	051302060502
NR0504.342	Robertson		UT to Carr Creek	051302060503
NR0504.343	Robertson		UT to Carr Creek	051302060503
NR0504.344	Robertson		UT to Carr Creek	051302060503
NR0504.413	Robertson		Carr Creek	051302060503
NR0504.414	Robertson			051302060503
NR0604.135	Robertson		UT to Carr Creek	051302060503
NR0604.184	Robertson		UT to Brown's Creek	051302060503
NR0604.187	Robertson		UT to Brown's Creek	051302060503
NR0604.194	Robertson		Carr Creek	051302060503
NRS01.143	Robertson		UT to Carr Creek	051302060503
NRS01.248	Robertson		Isolated Wetland	051302060503
NRS01.369	Robertson		Carr Creek	051302060503
NRS05.371	Montgomery		West Fork Red River	051302060603
NRS06.19	Montgomery		West Fork Red River	051302060603
NR0604.008	Montgomery		Spring Creek	051302060604
NRS06.058	Montgomery		Spring Creek	051302060604
NRS04.396	Montgomery		West Fork Red River	051302060605
NR0604.087	Montgomery		UT to West Fork Red River UT to Cumberland River	051302060703
NR0604.369	Montgomery		Weavers Creek	051302060703
NR0504.416	Montgomery		Fletchers Fork Creek	051302060704
NR0504.417	Montgomery		Fletchers Fork Creek	051302060704
NR0604.073	Montgomery		Raccoon Creek	051302060704
NR0604.174	Montgomery		Fletchers Fork Creek	051302060704
NR0604.138	Montgomery		UT to Raccoon Creek	051302060704
NR0604.198	Montgomery		Fletchers Fork Creek	051302060704
NRS00.018	Montgomery		Wetlands Adjacent to UT to Raccoon Creek	051302060704
NRS04.397	Montgomery		Fletchers Fork Creek	051302060704
NRS04.397B	Montgomery		Fletchers Fork Creek	051302060704
NRS04.397C	Montgomery		Fletchers Fork Creek	051302060704
NRS04.397D	Montgomery		Fletchers Fork Creek	051302060704
NRS04.397E	Montgomery		Fletchers Fork Creek	051302060704
NRS04.397F	Montgomery		Fletchers Fork Creek	051302060704
NRS04.397G	Montgomery		Fletchers Fork Creek	051302060704
NRS04.397H	Montgomery		Fletchers Fork Creek	051302060704

Table A4-9b.

LOG NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-12
NRS04.398B	Montgomery		Raccoon Branch	051302060704
NRS04.397I	Montgomery		Fletchers Fork Creek	051302060704
NRS04.398	Montgomery		Fletchers Fork Creek	051302060704
NRS04.398C	Montgomery		Raccoon Branch	051302060704
NRS04.398D	Montgomery		Raccoon Branch	051302060704
NRS04.398E	Montgomery		Raccoon Branch	051302060704
NRS04.398F	Montgomery		Raccoon Branch	051302060704
NRS04.398G	Montgomery		Raccoon Branch	051302060704
NRS04.398H	Montgomery		Raccoon Branch	051302060704
NRS04.398I	Montgomery		Raccoon Branch	051302060704
NRS04.398J	Montgomery		Raccoon Branch	051302060704
NR0504.411	Montgomery		UT to Little West Fork Red River	051302060705
NR0604.363	Montgomery		UT to Little West Fork Red River	051302060705
NRS04.048	Montgomery	Widen Road	Little West Fork Red River	051302060705
NRS04.048B	Montgomery		Little West Fork Red River	051302060705
NRS04.048C	Montgomery		Little West Fork Red River	051302060705
NRS04.048D	Montgomery		West Fork red River	051302060705
NRS04.048E	Montgomery		West Fork red River	051302060705
NRS04.048F	Montgomery		West Fork red River	051302060705
NRS04.048G	Montgomery		West Fork red River	051302060705
NRS04.048H	Montgomery		West Fork red River	051302060705
NRS04.048I	Montgomery		Wetlands	051302060705
NRS04.048J	Montgomery		Wetlands	051302060705

Table A4-9c.

Table A4-9a-c. Individual ARAP Permits Issued January 2000 Through April 2006 in the Red River Watershed. UT, Unnamed Tributary.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR050838	Western Plastics Plant	Y	Summers Branch	4	051302060101
TNR050839	Imperial Fabricating and Fleet Design	AA	Hall Town Creek	7	051302060101
TNR050848	Tsubaki Conveyor/America	AB	Summers Branch	11.52	051302060101
TNR051358	Portland Express, Incorporated	P	Portland Drainage Canal	1.5	051302060101
TNR051769	Imperial Fabricating Plant	AA	UT to Summers Branch	12	051302060101
TNR053468	S.R. Smith, Incorporated	Y	Ditch	1.377	051302060101
TNR054515	United Structures of America	AA	Willow Branch	22.81	051302060101
TNR056246	Popeye's Imports	M	Austin Branch	23.89	051302060101
TNR056481	Clearview Sawmill	A	UT to Red River	0.99	051302060101
TNR053796	Advantage Building Systems	A	Buntin Branch	6.32	051302060101
TNR053966	Western Plastics	Y	Summers Branch	3	051302060101
TNR054007	Imperial Fabricating Plant #1	AA	Grace Creek	4	051302060101
TNR056046	Billie's Used Cars and Repairs	M		3	051302060101
TNR050846	Imperial Group	AB	Maxwell Branch	5	051302060201
TNR050842	Imperial Fabricating and Fleet Design	AA	Maxwell Branch	5.8	051302060201
TNR054100	Terex Utilities-South	AB	Frey Branch	2	051302060201
TNR056436	B & G Auto Salvage	M	Empson Branch	5	051302060201
TNR053479	Schwerman Trucking Company	P	Storm Sewer System	2.2	051302060202
TNR056193	L & R Salvage		Valley Branch, Sinkhole		051302060202
TNR056495	L & R Salvage	M	Smith Branch	1.5	051302060202
TNR053003	CEI Company, Incorporated	AC	Unnamed Tributary	30.9	051302060401
TNR053779	Highland Graphics	AB, AC	Sulphur Fork Creek	30.87	051302060401
TNR054039	All American Homes of TN	Y, P	Sulphur Fork Creek	4.1	051302060401
TNR053674	Whitson Lumber Company	A	UT to Valley Branch	1.5	051302060402
TNR050221	Jackson Oil Company	AD, P	Fork Spring	1.3	051302060402
TNR051867	Precision Printing and Packaging	X	UT to Sinkhole	54.3	051302060405
TNR050364	Purity Zinc Metals	F	Retention Pond	4.2	051302060405
TNR051539	The Trane Company-Plant # 1		Sinkhole		051302060405
TNR053219	Cougar Packaging, Incorporated	B	Ground Water	5.0	051302060405
TNR051255	Waste Management of TN	P	Retention Pond	5.2	051302060405
TNR051346	Quebecor World	AB	Red River	117.3	051302060405
TNR053867	US Midwest Zinc	F	Unnamed Pond	15.0	051302060405
TNR054315	Quebecor World	X	Red River	72	051302060405
TNR054473	SPX/Contech Metal Forge	F, AB	WWC	10.0	051302060405
TNR054497	Hendrickson Trailer Suspension Systems	AB	Unnamed Tributary	24.7	051302060405
TNR054540	Beachaven Vineyards and Nursery	U	Unnamed Tributary	11.75	051302060405
TNR056750	MW/MB, LLC	E	Sinkhole	5	051302060405
TNR050661	Clarksville Foundry, Inc.	F	Unnamed Tributary	1.6	051302060407
TNR053653	Rogers Group Asphalt Plant	D	Red River	3.4	051302060407
TNR053224	Vulcan Corporation	Y	Red River	30.3	051302060407
TNR053432	Federal Express	S, P	Red River	1	051302060407
TNR050799	Red River Block/Supply Co.	E	Red River	3	051302060407

Table A4-10a

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR051437	HMA Contractors	D	Clarksville Storm Water Sewer to Red River	6	051302060407
TNR054163	Presto Services, Incorporated			0.15	051302060407
TNR054451	Letica Corporation	B, Y	Red River @ RM 0.5	40.804	051302060407
TNR055908	Clarence Langford Welding	AB	Sinkhole	3	051302060407
TNR056417	Clarksville City Garage	AE	Sink Hole	2.5	051302060407
TNR056418	Clarksville Transit System	P	Sink Hole	4.1	051302060407
TNR056421	Clarksville WWTP	T	Sinkhole	8.5	051302060407
TNR053280	Timken Latrobe Steel Dist.	AA	UT to Sulphur Fork Creek	6	051302060501
TNR055086	North Star Lumber, Incorporated	A	UT to Sulphur Fork Creek	9.19	051302060501
TNR055907	Shrum Auto Salvage	M	Bakers Fork	2.68	051302060501
TNR056471	Leggett and Platt, Incorporated	AB	UT to Sulphur Fork Creek	6	051302060501
TNR051263	Precision Products of TN	AA, AB, AD	Sulphur Fork Creek	5.62	051302060502
TNR051593	Clean Harbors Tennessee	K		12	051302060502
TNR050734	LoJac Springfield Plant	D		2	051302060502
TNR052090	Frigidaire Company	AC, P	Sinkhole	52	051302060502
TNR050272	Beaver Adhesives, Incorporated	C	Sulphur Fork Creek	0.2	051302060502
TNR050322	Nashville Wire Products	AA	Wartrace Lake	6	051302060502
TNR051223	General Chemicals Corporation	C	UT to Wartrace Creek	2.26	051302060502
TNR051145	Holley Performance Products	AB	Black Branch Creek	2.2	051302060502
TNR050071	Unarco Material Handling	AA, W	Sulphur Fork Creek	2.3	051302060502
TNR053659	Hollingsworth Oil Company	P	UT to Sulphur Fork Creek	3.26	051302060502
TNR053762	Delight Products	U	Black Branch	13.14	051302060502
TNR053778	CEI Company, Ltd	AB, AC	Sulphur Fork Creek	11.04	051302060502
TNR053859	HMA Contractors	D	Sulphur Fork Creek	3.83	051302060502
TNR050236	Rankin Fabrication	AA	Wartrace Lake	11.77	051302060502
TNR054039	All American Homes of TN	Y, P	Sulphur Fork Creek	4.1	051302060502
TNR054272	Fontaine Fleetline Products	AA	WWC to Wartrace Creek	3	051302060502
TNR054344	Wright Industries, Incorporated	AB	Mill Creek	9.86	051302060502
TNR054416	S & R Incorporated	AA	Ditch to Wartrace Lake	1	051302060502
TNR054525	Better Block Company, Inc.	E	Sulphur Fork Creek	20	051302060502
TNR055065	Collins and Aikman Carpet and Acoustics	V, Y	UT to Wartrace Creek	14.84	051302060502
TNR055989	Electrolux Home Products	AC, P	Sinkhole	20.6	051302060502
TNR056005	ThyssenKrupp Fabco	AA	Sulphur Fork Creek	15	051302060502
TNR056260	Rawls and Son Auto	M	Ditch	2.5	051302060502
TNR056041	Bedwell Auto and Salvage	M	Wartrace Creek	4	051302060502
TNR056426	Springfield WWTP	T	Sulphur Fork Creek	65	051302060502
TNR056633	Rolling Frito-Lay Sales	P	Sulphur Fork Creek	0.9	051302060502
TNR053513	Springfield-Robertson County Regional Airport	S	Spring Creek	0.5	051302060504
TNR056790	Dowlen Sawmill	A	Calebs Creek	2	051302060504
TNR054283	Dowlen Sawmill	A	UT to Honey Run Creek	4.3	051302060505
TNR056346	Highlands Landfill	L	WF and EF Miller's Creek	240	051302060505
TNR053806	Strategic Materials, Inc.	N	Cumberland River	10	051302060506
TNR050738	Smith's Auto Salvage	M	Rush Branch	7	051302060506
TNR051919	Queen City Metals, Incorporated	N, P	Sinkhole	10	051302060603
TNR056625	Rolling Frito-Lay Sales	P	Unnamed Pond	0.25	051302060603

Table A4-10b.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-12
TNR050018	Florim, USA	E	Sinkhole	40.0	051302060604
TNR050534	SIRCO	AC, P	Spring Creek	202.2	051302060604
TNR055925	Bosch Braking Systems Corp.	AB	Unnamed Pond	86.85	051302060604
TNR056345	Teeter Farm and Seed Co.	E	Sinkhole	10.75	051302060604
TNR056774	St. Bethlehem Landfill	L	Detention Pond	68	051302060604
TNR051777	Fort Campbell Military Reservation	AD, S, N, M, P	Fletchers Fork, Little West Fork Creek, Dry Fork Creek	520	051302060703
TNR050829	Nashville Wire Products	AA	Ringgold Creek	6	
TNR053221	Clarksville-Montgomery County Airport	S, P		0.37	051302060703
TNR051508	Gemtron Corporation	E	Little West Fork	18.22	051302060703
TNR053913	Bi-County Solid Waste Balefill/Landfill	L	UT to Fletchers Creek	158	051302060704
TNR053172	MC Asphalt, Incorporated	D	Red River	7.5	051302060705

Table A4-10c.

Table A4-10a-c. Active Permitted TMSF Facilities in the Red River Watershed. Area, acres of property associated with industrial activity; UT, Unnamed Tributary. Sector details may be found in Table A4-11.

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 A4-11. TMSP Sectors and Descriptions.