

APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-10 SUBWATERSHEDS (ACRES)			
	01	02	03	04
Bare Rock/Sand/Clay	79			228
Deciduous Forest	151,625	38,535	53,960	102,428
Emergent Herbaceous Wetlands	1,803	720	80	83
Evergreen Forest	5,235	3,054	226	3,736
High Intensity: Commercial/Industrial/Transportation	2,054	110	59	390
High Intensity: Residential	339		2	44
Low Intensity: Residential	2,774	10	21	215
Mixed Forest	8,322	3,592	1,185	3,372
Open Water	29,909	412	910	23,034
Other Grasses: Urban/Recreational	823	2	12	192
Pasture/Hay	15,317	4,386	5,369	4,747
Row Crops	16,432	3,698	4,853	4,467
Transitional	3,632	989	1,574	3,573
Woody Wetlands	8,462	1,343	58	625
Quarries/Strip Mines/Gravel Pits	490			39
Total	247,298	56,851	68,309	147,172

LAND USE/LAND COVER	AREAS IN HUC-10 SUBWATERSHEDS (ACRES)			
	05	06	07	08
Bare Rock, Sand/Clay		525	25	
Deciduous Forest	59,471	56,252	32,177	11,207
Emergent Herbaceous Wetlands		35	151	
Evergreen Forest	17,199	7,312	2,257	518
High Intensity: Commercial/Industrial/Transportation	305	234	1,071	2
High Intensity: Residential	42	55	409	1
Low Intensity: Residential	822	412	2,131	6
Mixed Forest	14,628	8,994	5,918	1,061
Open Water	623	12,891	209	37
Other Grasses: Urban/Recreational	8	90	60	
Pasture/Hay	30,884	25,044	24,309	6,361
Row Crops	23,022	16,940	13,630	4,780
Small Grains	108			
Transitional	747	461	171	20
Woody Wetlands	8,654	6,394	9,891	1,055
Quarries/Strip Mines/Gravel Pits	289		10	
Total	156,801	135,638	92,420	25,048

Table A4-1. Land Use Distribution in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed by HUC-10. 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.

STATION	HUC-10	AGENCY	STREAM NAME	AREA (SQ MILES)	LOW FLOW (CFS)		
					1Q10	7Q10	3Q20
03605000	0604000501	USGS	Tennessee River				
03605078	0604000501	USGS	Cypress Creek	27.3			
03605100	0604000501	USGS	Tennessee River				
03605500	0604000501	USGS	Trace Creek	20.1	0.64	0.68	0.57
03605555	0604000501	USGS	Trace Creek	31.9	4.28	4.68	3.94
03605700	0604000501	USGS	Deer Creek Tributary				
03606000	0604000501	USGS	Tennessee River				
360104088001101	0604000501	TVA	Tennessee River				
03604800	0604000502	USGS	Birdsong Creek	44.9	0	0	0
03607500	0604000504	USGS	Tennessee River	39,730			
03606350	0604000505	USGS	Big Sandy River	110	18.2	19.2	17.2
03606500	0604000505	USGS	Big Sandy River	205	34.8	36.2	32.6
360219088134201	0604000505	TVA	Big Sandy River				
03607000	0604000506	USGS	Big Sandy River	379	45	49	44
03607274	0604000507	USGS	Bailey Fork Creek				

Table A4-3. Historical Streamflow Data Summary Based on Mean Daily Flows in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed. USGS, United States Geological Survey; TVA, Tennessee Valley Authority. Additional information may be found at <http://nwis.waterdata.usgs.gov/tn/nwis/discharge>

AGENCY	STATION	ALIAS	LOCATION	HUC-10
TDEC	BEAVE002.5BN		Beaverdam Creek @ RM 2.5	0604000501
TDEC	BRICH004.7HU		Big Richland Creek @ RM 4.7	0604000501
TDEC	CANE002.5HO		Cane Creek @ RM 2.5	0604000501
TDEC	TENNE107.8HU	003490	Tennessee River @ RM 107.8	0604000501
TDEC	TENNE101.5SU	003500	Tennessee River @ RM 101.5	0604000501
TDEC	TENNE100.4HU	003510	Tennessee River @ RM 100.4	0604000501
TDEC	TENNE099.6HU	003520	Tennessee River @ RM 99.6	0604000501
TDEC	TENNE098.5HU	003530	Tennessee River @ RM 98.5	0604000501
TDEC	TENNE098.0HU	003540	Tennessee River @ RM 98.0	0604000501
TDEC	TENNE097.0HU	003550	Tennessee River @ RM 97.0	0604000501
TDEC	TENNE096.1HU	003560	Tennessee River @ RM 96.1	0604000501
TDEC	TENNE095.6HU	003570	Tennessee River @ RM 95.6	0604000501
TDEC	TENNE095.0HU	003580	Tennessee River @ RM 95.0	0604000501
TDEC	TENNE089.0HU	003610	Tennessee River @ RM 89.0	0604000501
TDEC	TENNE008.3HU	003620	Tennessee River @ RM 88.5	0604000501
TDEC	TENNE078.3HU	003630	Tennessee River @ RM 78.3	0604000501
TDEC	TRACE016.0HU		Trace Creek @ RM 16.0	0604000501
TDEC	TRACE007.2HU		Trace Creek @ RM 7.2	0604000501
TDEC	CYPRE1T0.1BN		UT To Cypress Creek @ RM 0.1	0604000501
TVA	475694		Cane Creek @ RM 0.25	0604000501
TVA	476180		Cane Creek @ RM 0.6	0604000501
TVA	475695		Cane Creek @ RM 1.0	0604000501
TVA	476149		Crooked Creek @ RM 3.8	0604000501
TVA	475591		Fowlkes Branch @ RM 0.2	0604000501
TVA	475863		Indian Creek @ RM 0.3	0604000501
TVA	475074		Indian Creek @ RM 0.4	0604000501
TVA	475075		Indian Creek @ RM 0.5	0604000501
TVA	475590		Indian Creek @ RM 0.6	0604000501
TVA	111190		Kentucky Lake	0604000501
TVA	111192		Kentucky Lake	0604000501
TVA	475076		Simmons Branch @ RM 0.3	0604000501
TVA	476089		Tennessee River @ RM 100.0	0604000501
TVA	475799		Tennessee River @ RM 100.4	0604000501
TVA	476999		Tennessee River @ RM 100.4	0604000501
TVA	475588		Tennessee River @ RM 100.5	0604000501
TVA	476090		Tennessee River @ RM 100.6	0604000501
TVA	476945		Tennessee River @ RM 100.6	0604000501
TVA	475589		Tennessee River @ RM 101.5	0604000501
TVA	475016		Tennessee River @ RM 102.0	0604000501
TVA	475073		Tennessee River @ RM 102.4	0604000501
TVA	475809		Tennessee River @ RM 102.5	0604000501
TVA	477007		Tennessee River @ RM 103.7	0604000501
TVA	475090		Tennessee River @ RM 104.0	0604000501
TVA	475722		Tennessee River @ RM 105.0	0604000501

AGENCY	STATION	ALIAS	LOCATION	HUC-10
TVA	475835		Tennessee River @ RM 107.0	0604000501
TVA	475091		Tennessee River @ RM 108.0	0604000501
TVA	477000		Tennessee River @ RM 110.0	0604000501
TVA	476144		Tennessee River @ RM 77.8	0604000501
TVA	475725		Tennessee River @ RM 78.0	0604000501
TVA	477403		Tennessee River @ RM 85.0	0604000501
TVA	476145		Tennessee River @ RM 85.2	0604000501
TVA	475807		Tennessee River @ RM 86.0	0604000501
TVA	475018		Tennessee River @ RM 91.0	0604000501
TVA	476379		Tennessee River @ RM 91.5	0604000501
TVA	476998		Tennessee River @ RM 91.5	0604000501
TVA	475584		Tennessee River @ RM 94.0	0604000501
TVA	475585		Tennessee River @ RM 95.0	0604000501
TVA	477098		Tennessee River @ RM 95.6	0604000501
TVA	475586		Tennessee River @ RM 95.66	0604000501
TVA	476200		Tennessee River @ RM 96.20	0604000501
TVA	475724		Tennessee River @ RM 96.7	0604000501
TVA	477005		Tennessee River @ RM 96.9	0604000501
TVA	477139		Tennessee River @ RM 97.0	0604000501
TVA	477006		Tennessee River @ RM 97.2	0604000501
TVA	475808		Tennessee River @ RM 97.5	0604000501
TVA	475444		Tennessee River @ RM 97.7	0604000501
TVA	475587		Tennessee River @ RM 98.5	0604000501
TVA	476224		Tennessee River @ RM 98.8	0604000501
TVA	476088		Tennessee River @ RM 99.2	0604000501
TVA	475723		Tennessee River @ RM 99.5	0604000501
TVA	476256		Tennessee River @ RM 99.6	0604000501
TVA	475693		Trace Creek @ RM 11.4	0604000501
TVA	475688		Trace Creek @ RM 2.6	0604000501
TVA	475689		Trace Creek @ RM 4.5	0604000501
TVA	475732		Trace Creek @ RM 5.1	0604000501
TVA	475690		Trace Creek @ RM 5.9	0604000501
TVA	475731		Trace Creek @ RM 6.0	0604000501
TVA	475730		Trace Creek @ RM 6.4	0604000501
TVA	475691		Trace Creek @ RM 6.9	0604000501
TVA	475729		Trace Creek @ RM 7.3	0604000501
TVA	475728		Trace Creek @ RM 7.6	0604000501
TVA	475727		Trace Creek @ RM 7.8	0604000501
TVA	475734		Trace Creek @ RM 8.2	0604000501
TVA	475692		Trace Creek @ RM 9.3	0604000501
TVA	475726		Trace Creek @ RM 9.8	0604000501
TVA	476181		Whiteoak Creek @ RM 1.0	0604000501
USEPA	210409			0604000501
USEPA	210410			0604000501

AGENCY	STATION	ALIAS	LOCATION	HUC-10
USEPA	210411			0604000501
USEPA	210417			0604000501
USEPA			Beaverdam Creek	0604000501
USEPA			Big Richland Creek	0604000501
USEPA			Burnside Creek	0604000501
USEPA			Cane Creek	0604000501
USEPA			Crooked Creek	0604000501
USEPA			Cypress Creek	0604000501
USEPA			Harmon Creek	0604000501
USEPA			Little Richland Creek	0604000501
USEPA	210451		North Indian Creek	0604000501
USEPA			Sulphur Creek	0604000501
USEPA			Tennessee River	0604000501
USEPA			Trace Creek	0604000501
TDEC	BIRDS013.9BN		Birdsong Creek @ RM 13.9	0604000502
TDEC	LBIRD000.6BN		Little Birdsong Creek @ RM 0.6	0604000502
TDEC	WOLF001.4BN		Wolf Creek @ RM 1.4	0604000502
TDEC	WHITE006.7HO		Whiteoak Creek @ RM 6.7	0604000503
TVA	476179		Crooked Creek @ RM 0.5	0604000503
USEPA			Whiteoak Creek	0604000503
TDEC	EAGLE002.9HN		Eagle Creek @ RM 2.9	0604000504
TDEC			Kentucky Lake-Paris Landing Area	0604000504
TDEC	LICK002.5BN		Lick Creek @ RM 2.5	0604000504
TDEC	PANTH003.6ST		Panther Creek @ RM 3.6	0604000504
TDEC	TENNE065.6ST	003660	Tennessee River @ RM 65.6	0604000504
TDEC	TENNE066.3HN		Tennessee River @ RM 66.3	0604000504
TVA	476942		Eagle Creek @ RM 1.0	0604000504
TVA	476178		Hurricane Creek @ RM 0.7	0604000504
TVA	476176		Leatherwood Creek @ RM 0.7	0604000504
TVA	476148		Lick Creek @ RM 1.90	0604000504
TVA	477250		Little Eagle Creek @ RM 0.7	0604000504
TVA	476183		Robbins Creek @ RM 0.2	0604000504
TVA	476182		Standing Rock Creek @ RM 0.6	0604000504
TVA	476939		Tennessee River @ RM 49.9	0604000504
TVA	477097		Tennessee River @ RM 59.7	0604000504
TVA	477140		Tennessee River @ RM 61.0	0604000504
TVA	477083		Tennessee River @ RM 62.37	0604000504
TVA	477003		Tennessee River @ RM 62.4	0604000504
TVA	477010		Tennessee River @ RM 62.5	0604000504
TVA	476996		Tennessee River @ RM 62.6	0604000504
TVA	476940		Tennessee River @ RM 63.7	0604000504
TVA	477011		Tennessee River @ RM 64.4	0604000504
TVA	476142		Tennessee River @ RM 65.6	0604000504
TVA	475441		Tennessee River @ RM 66.0	0604000504

AGENCY	STATION	ALIAS	LOCATION	HUC-10
TVA	476941		Tennessee River @ RM 66.3	0604000504
TVA	477045		Tennessee River @ RM 70.0	0604000504
TVA	477046		Tennessee River @ RM 72.0	0604000504
TVA	477050		Tennessee River @ RM 72.2	0604000504
TVA	477004		Tennessee River @ RM 72.6	0604000504
TVA	477047		Tennessee River @ RM 74.0	0604000504
TVA	476143		Tennessee River @ RM 74.2	0604000504
TVA	476177		Unnamed Tributary @ RM 0.1	0604000504
USEPA			Eagle Creek	0604000504
USEPA			Hurricane Creek	0604000504
USEPA	210405		Kentucky Lake	0604000504
USEPA	210406		Kentucky Lake	0604000504
USEPA			Leatherwood Creek	0604000504
USEPA			Standing Rock Creek	0604000504
TDEC	BACON002.5CR		Bacon Creek @ RM 2.5	0604000505
TDEC	BBEAV000.8HE		Big Beaver Creek @ RM 0.8	0604000505
TDEC	BSAND031.5CR	000310	Big Sandy River @ RM 31.5	0604000505
TDEC	BSAND031.3BN	000320	Big Sandy River @ RM 31.3	0604000505
TDEC	BSAND016.6CR	000325	Big Sandy River @ RM 16.6	0604000505
TDEC	BSAND029.7CR		Big Sandy River @ RM 29.7	0604000505
TDEC	BSAND036.4CR		Big Sandy River @ RM 36.4	0604000505
TDEC	BSAND045.2CR		Big Sandy River @ RM 45.2	0604000505
TDEC	BSAND052.9HE		Big Sandy River @ RM 52.9	0604000505
TDEC	BSAND056.0HE	BIGSANDY056.0	Big Sandy River @ RM 56.0	0604000505
TDEC	BRITT001.2BN		Britton Creek @ RM 1.2	0604000505
TDEC	HUNTI003.2CR		Hunting Creek @ RM 3.2	0604000505
TDEC	LBACO001.5CR		Little Bacon Creek @ RM 1.5	0604000505
TDEC	LBEAV001.3HE		Little Beaver Creek @ RM 1.3	0604000505
TDEC	MAPLE000.6CR		Maple Creek @ RM 0.6	0604000505
TDEC	MAPLE006.0CR		Maple Creek @ RM 6.0	0604000505
TDEC	MUD004.7CR		Mud Creek @ RM 4.7	0604000505
TDEC	ROAN002.7CR		Roan Creek @ RM 2.7	0604000505
TDEC	SCARC001.0HE		Scarce Creek @ RM 1.0	0604000505
TDEC	WATSO000.9BN		Watson Creek @ RM 0.9	0604000505
TVA	477205		Bacon Creek @ RM 0.9	0604000505
TVA	477209		Big Beaver Creek @ RM 0.95	0604000505
TVA	476052		Big Sandy River @ RM 31.6	0604000505
TVA	477211		Big Sandy River @ RM 31.78	0604000505
TVA	477206		Big Sandy River @ RM 47.2	0604000505
TVA	477203		Blunt Creek @ RM 0.05	0604000505
TVA	477208		Dabbs Creek @ RM 1.1	0604000505
TVA	477204		Maple Creek @ RM 0.6	0604000505
TVA	477254		Maple Creek @ RM 5.85	0604000505
TVA	477207		Mud Creek @ RM 3.85	0604000505

AGENCY	STATION	ALIAS	LOCATION	HUC-10
USEPA	210461		Cherry Lake	0604000505
TDEC	BSAND013.2BN	000330	Big Sandy River @ RM 13.2	0604000506
TDEC	BSAND015.3BN	000335	Big Sandy River @ RM 15.3	0604000506
TDEC	WSAND004.4HN		West Sandy Creek @ RM 4.4	0604000506
TVA	477198		Bear Creek @ RM 0.9	0604000506
TVA	475865		Big Sandy River @ RM 15.0	0604000506
TVA	475397		Big Sandy River @ RM 15.2	0604000506
TVA	476146		Big Sandy River @ RM 5.0	0604000506
TVA	477188		Big Sandy River @ RM 10.4	0604000506
TVA	476997		Big Sandy River @ RM 11.0	0604000506
TVA	476944		Big Sandy River @ RM 14.5	0604000506
TVA	477200		Big Sandy River @ RM 14.9	0604000506
TVA	477141		Big Sandy River @ RM 4.0	0604000506
TVA	477565		Big Sandy River @ RM 5.0	0604000506
TVA	477210		Big Sandy River @ RM 7.4	0604000506
TVA	476147		Lick Creek @ RM 0.6	0604000506
TVA	477196		Lick Creek @ RM 0.9	0604000506
TVA	477197		Martin Creek @ RM 2.55	0604000506
TVA	477199		Ramble Creek @ RM 1.0	0604000506
TVA	477189		West Sandy Creek @ RM 0.1	0604000506
TVA	477190		West Sandy Creek @ RM 1.1	0604000506
TVA	477191		West Sandy Creek @ RM 2.3	0604000506
TVA	477192		West Sandy Creek @ RM 3.0	0604000506
TVA	476943		West Sandy Creek @ RM 3.4	0604000506
TVA	477193		West Sandy Creek @ RM 3.5	0604000506
USEPA			Big Sandy River	0604000506
USEPA	210407		Kentucky Lake	0604000506
USEPA	210408		Kentucky Lake	0604000506
USEPA			West Sandy Creek	0604000506
TDEC	BFORK005.1HN	BAILE005.1HN	Bailey Fork Creek @ RM 5.1	0604000507
TDEC	CLIFT002.1HN		Clifty Creek @ RM 2.1	0604000507
TDEC	HFORK004.0HN	HOLLE004.0HN	Holley Fork Creek @ RM 4.0	0604000507
TDEC	STOWN001.34HN	0002660	Smith Town Creek @ RM 1.4	0604000507
TDEC	WSAND010.5HN		West Sandy Creek @ RM 10.5	0604000507
TDEC	3050	WSAND004.3HN	West Sandy Creek @ RM 4.3	0604000507
TDEC	WSAND008.2HN		West Sandy Creek @ RM 8.2	0604000507
TVA	475347		Bailey Fork Creek @ RM 4.75	0604000507
TVA	477212		Bailey Fork Creek @ RM 6.3	0604000507
TVA	475312		Bailey Fork Creek @ RM 7.42	0604000507
TVA	475271		Bailey Fork Creek @ RM 8.63	0604000507
TVA	477202		Clifty Creek @ RM 2.3	0604000507
TVA	475387		Clifty Creek @ RM 2.33	0604000507
TVA	475353		Clifty Creek @ RM 4.78	0604000507
TVA	477195		Holly Fork Creek @ RM 4.0	0604000507

AGENCY	STATION	ALIAS	LOCATION	HUC-10
TVA	475239		Jones Bend Creek @ RM 0.21	0604000507
TVA	475238		Jones Bend Creek @ RM 0.71	0604000507
TVA	475145		Jones Bend Creek @ RM 1.23	0604000507
TVA	111186		Paris Landing State Park	0604000507
TVA	475243		Town Creek @ RM 0.48	0604000507
TVA	475242		Town Creek @ RM 1.16	0604000507
TVA	475288		Unnamed Tributary @ RM 0.5	0604000507
TVA	475348		Unnamed Tributary @ RM 0.5	0604000507
TVA	477194		West Sandy Creek @ RM 3.6	0604000507
TVA	477201		West Sandy Creek @ RM 8.2	0604000507
USEPA	210431		Bailey Fork Creek	0604000507
USEPA	210432		Bailey Fork Creek	0604000507
USEPA	210441		Clifty Creek	0604000507
USEPA	210421		Town Creek	0604000507

Table A4-4. STORET Water Quality Monitoring Stations in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed. RM, River Mile; TDEC, Tennessee Department of Environment and Conservation; USEPA, United States Environmental Protection Agency; TVA, Tennessee Valley Authority. UT, Unnamed Tributary.

FACILITY NUMBER	FACILITY NAME	SIC	SIC NAME	MADI	WATERBODY	HUC-10
TN0064611	Camden Waste Water Treatment Plant	4952	Sewerage System	Minor	Cypress Creek @ RM 12.6	0604000501
TN0028631	Mid Valley Pipeline Co.	4612	Crude Petroleum	Minor	Indian Creek to KY Lake	0604000501
TN0024830	Waverly Lagoon	4952	Sewerage System	Minor	Trace Creek @ RM 8.3	0604000501
TN0064734	Mark I Molded Plastics	3081	Unsupported Plastic Profile Sheet	Minor	Surface Discharge to Gravel Park	0604000501
TN0002763	Inland Paperboard and Packaging	2611	Pulp Mills	Major	KY Lake (Tennessee River) @ RM 94.4	0604000501
TN0002526	Scepter, Incorporated	3334	Primary Aluminum Production	Minor	Tennessee River @ RM 95.5	0604000501
TN0062537	Chemetall Foote, Corp.	2869	Industrial Organic Chemicals	Minor	WWC to Indian Creek Embayment of Tennessee River	0604000501
TN0001465	E.I. Dupont de Nemours and Company	2816	Inorganic Pigments	Major	Tennessee River @ RM 98.2	0604000501
TN0041157	Lakeshore United Methodist Assembly	4952	Sewerage System	Minor	Tennessee River @ RM 96.0	0604000501
TN0062006	New Johnsonville Lagoon	4952	Sewerage System	Minor	Tennessee River @ RM 101.6	0604000501
TN0001686	Erachem Comilog, Inc.	3313	Electrometallurgical Products	Minor	KY Lake (Tennessee River) @ RM 101.8	0604000501
TN0020249	Piney Campground	4952	Sewerage System	Minor	KY Lake (Tennessee River) @ RM 62.2	0604000504
TN0075990	Paris Landing State Park	7999	Amusement and Recreation	Minor	Eagle Creek	0604000504
TN0062014	Bruceton Wastewater Lagoon	4952	Sewerage System	Minor	Big Sandy River @ RM 31.0	0604000505
TN0023141	Paris Landing State Park STP	4952	Sewerage System	Minor	KY Lake (Tennessee River) @ RM 66.0	0604000506
TN0062430	Paris Landing State Park Public School	8412	Museum and Art Gallery	Minor	Embayments of KY Lake (Tennessee River) @ RM 66.0	0604000506
TN0022616	Big Sandy STP	4952	Sewerage System	Minor	Big Sandy River @ RM 15.0	0604000506
TN0061271	Paris STP	4952	Sewerage System	Major	UT @ RM 0.5 to Bailey Fork Creek @ RM 6.2	0604000507

Table A4-5. NPDES Permittees in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed. RM, River Mile; SIC, Standard Industrial Classification; MADI, Major Discharge Indicator; UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

FACILITY NUMBER	PERMITEE	SIC	SIC NAME	WATERBODY	HUC-10
TN0070980	Camden Gravel Company (Camden Pit)	1442	Construction Sand and Gravel	Cypress Creek	0604000501
TN0071382	Camden Gravel Company (Camden Pit #2)	1442	Construction Sand and Gravel	UT to Cypress Creek	0604000501
TN0072788	Camden Gravel Company (Camden Pit #3)	1442	Construction Sand and Gravel	UT to Cypress Creek	0604000501
TN0066133	Ford Construction Company (Camden/Memphis Stone Pit)	1442	Construction Sand and Gravel	Cypress Creek	0604000501
TN0047716	Sangravl Company (New Jonsonville Facility)	1442	Construction Sand and Gravel	Tennessee River	0604000501
TN0069078	Camden Gravel Company (Carroll Site)	1442	Construction Sand and Gravel	Ammon Creek	0604000502
TN0066184	Teague Transports (Benton County Chert Mine)	1442	Construction Sand and Gravel	UT to Ammon Creek	0604000502
TN0003107	Vulcan Construction Materials (Benton County Quarry)	1422	Limestone-Crushed and Broken	Wolf Creek and Little Wolf Creek	0604000502
TN0070785	J.R. Hayes Construction Co. (Mine #2)	1422	Construction Sand and Gravel	South Fork Eagle Creek	0604000504
TN0071200	J.R. Hayes Construction Co. (Mine #4)	1446	Construction Sand and Gravel	South Fork Eagle Creek	0604000504
TN0001881	Unimin Corporation (Plant #3)	1446	Industrial Sand	UT to Hunting Creek	0604000505
TN0066532	Unimin Corporation (B-2 Mine and Reservoir/Classifier)	1442	Industrial Sand	UT(s) to Abbott Branch, Pond Creek, Cotton Creek, Big Sandy River, Hunting Creek, and Green Creek	0604000505
TN0072320	Benton County Highway Department (Benton County Gravel Pit)	1442	Construction Sand and Gravel	UT to Ramble Creek	0604000506
TN0070947	M&M Gravel Company (Sulfur Creek Road Mine)	1442	Construction Sand and Gravel	Jones Branch	0604000506
TN0072427	Marty Allison (Sand and Gravel Mine)	1099	Construction Sand and Gravel	UT to Swamp Creek	0604000506
TN0072486	Mineral Recovery Systems (Camden Pilot Plant)	1442	Miscellaneous Metal Ores	UT to Dry Creek	0604000506
TN0072010	North Benton Gravel (Big Sandy Mine)	1442	Construction Sand and Gravel	UT to Ramble Creek	0604000506
TN0060348	Tennessee Asphalt Company (South Fork Plant)	1442	Construction Sand and Gravel	South Fork Eagle Creek	0604000506
TN0045233	American Colloid Company (Mine #2)	1459	Clay, Ceramic, and Refractory Minerals	Clifty Creek	0604000507
TN0071609	Henry County Highway Department (Kendall Pit)	1442	Construction Sand and Gravel	Beaverdam Creek and WWC to Beaverdam Creek	0604000507
TN0068985	J.R. Hayes Construction Company (Mine #3)	1442	Construction Sand and Gravel	Beaverdam Creek	0604000507

Table A4-6. Active Permitted Mining Sites in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed. SIC, Standard Industrial Classification; UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

FACILITY NUMBER	FACILITY NAME	WATERBODY	HUC-10
TN0078000	City of Waverly WTP	No Receiving Stream	0604000501
TN0004740	Camden WTP	Lick Creek	0604000501

Table A4-7. Water Treatment Plants in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed. SIC, Standard Industrial Classification; UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

FACILITY NUMBER	FACILITY NAME	WATERBODY	HUC-10
TNG110036	Mid-South Ready Mix	Trace Creek @ RM 13.4	0604000501
TNG110064	Volunteer Ready Mix	WWC to Indian Creek to Tennessee River (KY Lake) @ RM 101.0	0604000501
TNG110020	Mid-Way Materials	Cane Creek to Cypress Creek to KY Lake	0604000501
TNG110151	Southern Concrete Products	UT to Clifty Creek to Big Sandy River Embayment	0604000507
TNG110185	Federal Materials Concrete	Town Creek	0604000507

Table A4-8. Ready Mix Concrete Plants in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed. RM, River Mile; UT, Unnamed Tributary; WWC, Wet Weather Conveyance.

LOG NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-10
NRS01.366	Benton	Filling (1.94 acres)	Cypress Creek	0604000501
NRS03.108	Humphreys	Plant Intake and Coal Barge Unloader	Tennessee River	0604000501
NRS03.284	Humphreys	SR-13 Bridge and Approaches	Big Richland Creek	0604000501
NRS03.340	Humphreys	Channel Relocation	Big Richland Creek	0604000501
NRS02.125	Humphreys	Rip-Rap	Spring Creek	0604000501
NRS00.391	Stewart	Box Culvert	Standing Rock Creek	0604000504
NRS00.048	Henderson	Bridge and 2 Box Culverts	UT to Big Sandy River	0604000504
NRS00.098	Henderson	Wetland Fill	Little Beaver Creek and UT to Big Sandy River	0604000505
NRS00.049	Henderson	Wetland Fill	UT to Big Sandy River	0604000505
NRS00.135	Carroll	Wetland Fill	Big sandy River	0604000505
NRS02.131	Henderson	Gravel Access	Big Sandy River	0604000505
NRS03.068	Henry	Boat launch Ramp Improvement	Big Sandy River	0604000506
NRS00.115	Henry	Channel Enlargement	UT to Bailey Fork Creek	0604000507
NRS01.185	Henry	Road Crossing	UT to Bailey Fork Creek	0604000507
NRS01.398	Henry	Wetland Fill	UT to West Sandy Creek	0604000507
NRS00.029	Henderson	Multiple Stream Crossings	Big Sandy River	0604000507

Table A4-9. Individual ARAP Permits Issued January 2000 Through June 2004 in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed Watershed. UT, Unnamed Tributary.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-10
TNR053175	Benton County Airport	S	Cypress Creek	110.53	0604000501
TNR050540	Ward Oil Company	P	Whitfield Creek	1.2	0604000501
TNR053760	Carroll County Airport	S	None Directly	0.99	0604000501
TNR053229	Humphreys County Airport	S	Not Provided	0.99	0604000501
TNR053685	Aqua Glass Corporation Performance Plant	Y	Conley Branch	8.48	0604000501
TNR055033	Precision Machine, Inc.	AB, P	UT to Trace Creek	100	0604000501
TNR053821	Nashville Wire Products	AA	Conley Branch	14	0604000501
TNR055085	Volunteer Metal Systems	AA	Trace Creek	5	0604000501
TNR050510	Factory and Steele Transportation, Inc.	P	Trace Creek	0.6	0604000501
TNR054590	Valley West Welding Co.	AA	Trace Creek	0.77	0604000501
TNR051032	Inland Paperboard and Recycling	B, P, L	Little Dry Creek	688	0604000501
TNR053725	Scepter, Incorporated	F, L	Leach Creek and Tennessee River	20.5	0604000501
TNR050539	E.I. Dupont de Nemours and Company	C, P, L	Tennessee River and UT to Tennessee River	200	0604000501
TNR053188	TVA-Johnsonville Fossil Plant	O, L	Tennessee River @ RM 100.1, 100.2, and 100.4	300.2	0604000501
TNR055930	Bivens Industrial park	L	Cypress Creek	60	0604000501
TNR054025	Custom Tire and Recycle	L	Burnside Creek	29.9	0604000501
TNR054294	R&J Hardwoods Products	A	Cypress Creek	2	0604000501
TNR055949	H&H Oil Recovery	D, P	Cypress Creek	4.9	0604000501
TNR051869	Jones Plastic and Engineering	Y	UT to Middle Brook Creek	21.6	0604000501
TNR051529	West Camden Sanitary Landfill	L, P	UT to Cane Creek	490	0604000501
TNR053825	Dement Construction Co.	D	Eagle Creek, Riley Branch, UT to Eagle Creek, UT to Riley Branch	30	0604000502
TNR050237	Camden Hardwood Products	A	UT to Hunting Creek	13	0604000505
TNR054445	Cole Pallet Company	J	UT to Hunting Creek	1	0604000505
TNR056007	22 Auto Salvage	M	UT to Big Sandy River	7	0604000505
TNR053524	Big Sandy Woodyard		Lockhart Branch	11	0604000506
TNR053179	Tennessee Asphalt Co.	D	Eagle Creek	2	0604000506
TNR054319	Elliott Tool Company	AB	UT	1.3	0604000506
TNR054074	Dana Corporation-Hose and Tubing Products	Y	Bailey Fork Creek	3.4	0604000507
TNR053016	PML, Incorporated	Y, C, C	Bailey Fork Creek	10.3	0604000507
TNR053244	Milan Express Company	P	UT to Town Creek	3.2	0604000507
TNR051299	Tennessee Asphalt Co.	D	Not Identified	9	0604000507
TNR053558	United Parcel Service	P	UT to Clifty Creek	1.49	0604000507
TNR050437	Mohon International	W	Two Mile Branch of Town Creek	10	0604000507
TNR053922	The Berripatch, Inc.	W	Jones Bend Creek	10	0604000507

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-10
TNR053299	Paris-Henry County Landfill	L	UT to Jones Bend Creek	167	0604000507

Table A4-10. Active Permitted TMSP Facilities in the Tennessee Portion of the Tennessee Western Valley (KY Lake) Watershed. Area, acres of property associated with industrial activity; RM, River Mile; 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.