APPENDIX A(2)

SUMMARY OF ANALYTICAL RESULTS FOR FISH SAMPLES (FILLETS) COLLECTED FROM BIG SANDY RIVER 1990

Appendix A(2)
Summary of Analytical Results for Fish Samples (Fillets) Collected from Big Sandy River, 1990

Collection Date	Fish Species	Location	2,3,7,8 Dioxin (ppt)	2,3,7,8 Furan (ppt)	% Lipid
July 19, 1990	Channel catfish (3)	Big Sandy River RMI 2.1	17.0[1]	1.0[2]	3.6
July 19, 1990	Hybrid striped bass (4)	Big Sandy River RMI 7.1	0.72[1]	0.67[2]	1.2
July 24, 1990	Channel catfish (3)	Big Sandy River Ft. Gay, WV (RMI 26.7)	0.80[1]	2.3[2]	1.7
August 1, 1990	Carp (1)	Between Whites Creek and Sharps Branch*	ND	ND	1.7
August 1, 1990	Bigmouth Buffalo(1)	Between Whites Creek and Sharps Branch*	ND	ND	3.3
August 1, 1990	Drum (1)	Between Whites Creek and Sharps Branch*	ND	ND	0.1
August 1, 1990	Bigmouth Buffalo(3)	Above Tennessee Gas pumping station**	ND	ND	2.8
August 1, 1990	Carp (1)	Above Tennessee Gas pumping station**	2.2	4.5 (e)	2.2
August 1, 1990	Sauger(1)	Above Tennessee Gas pumping station**	1.4	3.3 (e)	2.1
August 1, 1990	Redhorse(2)	Above Tennessee Gas pumping station**	1.3	0.27	1.7
August 1, 1990	Bigmouth Buffalo(1)	Hwy. 60 Bridge***	ND	ND	0.2

Appendix A(2) (Continued)

Collection Date	Fish Species	Location	2,3,7,8 Dioxin (ppt)	2,3,7,8 Furan (ppt)	% Lipid
August 1, 1990	Sauger(1)	Hwy. 60 Bridge***	ND	0.43	0.6

ND - Not Detected.
(e)- Denotes estimated maximum concentration.
*MP 7.9 to 8.3
**MP 11.3 to 12.0
***MP 0.7 to 1.1
(1)Reported as total TCDD
(2)Reported as total TCDF

APPENDIX A(3)

FISH KILL INVESTIGATIONS SUMMARY

Appendix A(3)
Fish Kill Investigations Summary (1990)

County	Waterbody	Date	Miles Affected	Pollutant	Number of Fish
Barren	Barren River Lake	09-14-90	0.10*	Unknown	20
Breckinridge	Hardins Creek	09-10-90	0.25	Municipal Sewage	2,616
Breckinridge	Tules Creek	04-29-90	1.0*	Unknown	250
Carter	Tygarts Creek	08-22-90	0.50	Municipal Sewage	533
Fayette	West Hickman Creek	03-05-90	3.00	Unknown	-
Fayette	East Hickman Creek	07-16-90	1.00	Unknown	-
Fleming	Fleming Creek	08-05-90	0.50	Animal Waste (Dairy Farm)	3,740
Franklin	S. Fork Elkhorn Cr.	04-25-90	1.00	Unknown	200
Grayson	Caney Creek	06-18-90	1.17	Animal Waste (Hog Farm)	2,060
Grayson	Beaverdam Creek	04-22-90	0.50	Municipal Sewage	272
Green	Little Pitman Creek	01-03-90	3.83	Municipal Sewage	23,171
Harrison	Trib. to Twin Cr. & S. Fork Licking River	04-26-90	1.40	Unknown	700
Jefferson	Wetland	02-07-90	Unknown	Natural (Low D.O.)	1,000
Magoffin	Boardtree Creek	08-17-90	1.00	Petroleum (Diesel Fuel)	932
Montgomery	Somerset Creek	07-28-90	0.25	Animal Waste (Cattle)	100
Pike	Russell Fork	09-08-90	5.00	Chemical (Nalco 99-87)	38,576
Subtotal (1990)	17	-	19.40 mi 1.10 acres	-	74,170

Fish Kill Investigation Summary (1991)

County	Waterbody	Date	Miles Affected	Pollutant	Number of Fish
Bath	McDole Branch	6-10-91	0.10	Pesticides (Atrazine and Gramoxone)	25
Bath	Slate Creek	11-04-91	13.50	Low B.O.D. (Leaf litter and low flow)	1,000
Boyle	Herrington Lake	5-14-91	25*	Natural (Oxygen depletion)	5,000
Boyle	Clarks Runs	2-5-91	-	Municipal Sewage (chlorine)	500
Butler	Indian Camp Creek	5-30-91	3.50	Animal Waste (Hog manure)	12,237
Carter	Tygarts Creek	8-30-91	0.10	Municipal Sewage	200
Carter	Tygarts Creek	8-11-91	0.08	Municipal Sewage	146
Fleming	Johnson Creek	7-29-91	0.17	Manure/Feedlot	235
Harlan	Clover Fork and Seagraves Creek	7-22-91	2.20	Coal Mining (Blackwater)	9,776
Jefferson	Big Run Creek	4-3-91	0.10	Unknown	20
Leslie	Cane Branch and Wooten Creek	1-13-91	0.50	Unknown	-
Oldham	Lick Creek	5-16-91	2.25	Animal Waste (Hog manure)	1,000
Pike	Caney Fork of John's Creek	8-29-91	1.00	Gas/Oil Well	2,278
Rowan	Christy Creek	11-21-91	0.50	Sealmaster Coal Tar Road Sealer	836
Russell	Lily Creek	8-6-91	0.18	Municipal Sewage	1,335

Fish Kill Investigation Summary (1991)

County	Waterbody	Date	Miles Affected	Pollutant	Number of Fish
Spencer	Salt River	9-24-91	1.25	Municipal Sewage	22,502
Taylor	Little Pitman Creek	9-24-91	1.25	Municipal Sewage	2,948
Subtotal (1991)	18			36.93 mi.	60,038
Total (1990-91)	35			56.33 mi	134,208
			25.0 acres		

* = Acres Affected

26.1 acres

APPENDIX B

LAKE INFORMATION AND EXPLANATORY CODES

Appendix B
Lake Information and Explanatory Codes

COLUMN HEADER	DEFINITION
LAKE NAME	the name of the waterbody as shown on USGS topographic map
TOTAL ACREAGE	size of lake at summer pool or normal seasonal levels
USGS QUADRANGLE	quadrangle where the dam or waterbody is located
LATITUDE\LONGITUDE	location of the dam by degrees, minutes, and seconds
WATERBODY SYSTEM NUMBER	a stream identification number assigned by the Division of Water
COUNTY NAME	the name of the county where the dam or lake is located
RIVER BASIN	the name of the major river basin in which the waterbody is located
SUBBASIN	the name of the waterbody that receives the discharge from the lake or reservoir

LAKE NAME	TOTAL ACRES	USGS QUADRANGLE	LATI-TUDE	LONGI-TUDE	WATERBODY SYSTEM NUMBER	COUNTY NAME	RIVER BASIN	SUBBASIN
A.J.JOLLY LAKE	204	ALEXANDRIA	38-52-59	84-22-27	KY5100101-006L01	CAMPBELL	LICKING	PHILLIPS CREEK
ARROWHEAD LAKE	37	CAIRO,ILL-KY	37-01-50	89-07-20	KY8010100-002L02	BALLARD	MISSISSIPPI	CYPRESS SLOUGH
BARREN RIVER LAKE	10000	LUCAS	36-55-34	86-02-28	KY5110002-013L01	BARREN\ALLEN	GREEN	BARREN RIVER
BEAVER LAKE	158	ASHBROOK	37-57-45	85-01-20	KY5140103-021L01	ANDERSON	SALT	BEAVER CREEK
BEAVER DAM LAKE	50	OLMSTEAD ILL-KY	37-09-04	89-02-32	KY8010100-001L06	BALLARD	OHIO	HUMPHREY CREEK
BERT COMBS LAKE	36	BARCREEK	37-10-00	83-42-27	KY5100203-008L01	CLAY	KENTUCKY	BEECH CREEK
BOLTZ LAKE	92	WILLIAMSTOWN	38-42-12	84-36-45	KY5100205-004L02	GRANT	KENTUCKY	ARNOLDS CREEK
BRIGGS LAKE	18	HOMER	36-53-21	86-49-49	KY5110003-008L01	LOGAN	GREEN	MUD RIVER
BUCK LAKE	19	BARLOW,KY-ILL	37-02-26	89-05-22	KY8010100-001L03	BALLARD	MISSISSIPPI	SHAWNEE CREEK
BUCKHORN LAKE	1230	BUCKHORN	37-18-16	83-26-54	KY5100202-003L01	PERRY\LESLIE	KENTUCKY	MIDDLE FK.KENTUCKY RIV
BULLOCK PEN LAKE	134	VERONA	38-47-36	84-38-41	KY5100205-004L01	GRANT	KENTUCKY	BULLOCK PEN CREEK
BURNT POND	10	BARLOW,KY-ILL	37-02-40	89-07-02	KY8010100-002L03	BALLARD	MISSISSIPPI	DEEP SLOUGH
CAMPBELLSVILLE CITY RES.	63	CAMPBELLSVILLE	37-21-31	85-20-17	KY5110001-026L01	TAYLOR	GREEN	TRACE FK, L. PITMAN CK
CAMPTON LAKE	26	CAMPTON	37-44-42	83-32-37	KY5100204-022L01	WOLFE	KENTUCKY	HIRAM BR, SWIFT CAMP CK
CANEYVILLE CITY RESERVOIR	75	CANEYVILLE	37-26-34	86-27-42	KY5110004-008L01	GRAYSON	GREEN	NF CANEY CREEK
CANNON CREEK LAKE	243	MIDDLESBORO NORTH	36-40-51	83-42-08	KY5130101-031L01	BELL	UPPER CUMBERLAND	CANNON CREEK
CARPENTER LAKE	64	MACEO	37-50-51	86-58-51	KY5140201-001L01	DAVIESS	OHIO	UT TO PUP CREEK
CARR FORK LAKE	710	VICCO	37-14-04	83-00-03	KY5100201-015L01	KNOTT\PERRY	KENTUCKY	CARR FORK, KENTUCKY RIV
CAVE RUN LAKE	8270	SALT LICK	38-03-03	83-29-42	KY5100101-028L01	ROWAN\BATH	LICKING	N\A
CHENOA LAKE	37	KAYJAY	36-40-33	83-51-07	KY5130101-029L01	BELL	UPPER CUMBERLAND	CLEAR CREEK
CORBIN CITY RESERVOIR	139	CORBIN	36-59-23	87-07-07	KY5130101-006L01	LAUREL	UPPER CUMBERLAND	LAUREL RIVER
CORINTH LAKE	96	MASON	38-30-00	84-34-56	KY5100205-008L01	GRANT	KENTUCKY	THREE FORKS CREEK
CRANKS CREEK LAKE	219	HUBBARD SPRINGS,VA	36-44-23	83-13-12	KY5130101-038L02	HARLAN	UPPER CUMBERLAND	CRANKS CREEK
DALE HOLLOW LAKE	4300	DALE HOLLOW DAM,TN	36-36-31	85-19-29	KY5130105-001L01	CUMBERLAND\CLINTON	UPPER CUMBERLAND	OBEY RIVER
DEWEY LAKE	1100	DEWEY LAKE	37-41-39	82-42-22	KY5070203-012L01	FLOYD	BIG SANDY	LEVISA FORK
DOE RUN LAKE	51	INDEPENDENCE	38-59-19	84-33-07	KY5100101-002L01	KENTON	LICKING	BULLOCK PEN CREEK
ELMER DAVIS LAKE	149	GRATZ	38-29-51	84-52-40	KY5100205-015L01	OWEN	KENTUCKY	NORTH SEVERN CREEK
ENERGY LAKE	370	MONT	36-51-30	88-01-26	KY5130205-016L01	TRIGG	LOWER CUMBERLAND	CROOKED CREEK
FISH LAKE	27	BARLOW,KY-ILL	37-03-00	89-05-30	KY8010100-001L02	BALLARD	MISSISSIPPI	SHAWNEE CREEK
FISHPOND LAKE	32	JENKINS WEST	37-09-42	83-40-38	KY5100201-022L01	LETCHER	KENTUCKY	FISHPOND BRANCH

LAKE NAME	TOTAL ACRES	USGS QUADRANGLE	LATI-TUDE	LONGI-TUDE	WATERBODY SYSTEM NUMBER	COUNTY NAME	RIVER BASIN	SUBBASIN
FISHTRAP LAKE	1143	MILLARD	37-25-39	82-22-12	KY5070202-008L01	PIKE	BIG SANDY	LEVISA FORK
FLAT LAKE	38	BARLOW,KY-ILL	37-02-30	89-05-57	KY8010100-001L01	BALLARD	MISSISSIPPI	UT TO SHAWNEE CREEK
FREEMAN LAKE	160	ELIZABETHTOWN	37-43-15	85-52-17	KY5110001-012L01	HARDIN	GREEN	FREEMAN CREEK
GENERAL BUTLER ST.PK. LAKE	29	CARROLLTON	38-40-04	85-08-54	KY5100205-002L01	CARROLL	KENTUCKY	UT TO KENTUCKY RIVER
GRAPEVINE LAKE	50	MADISONVILLE EAST	37-18-16	87-28-40	KY5110006-005L01	HOPKINS	GREEN	UT TO FLAT CREEK
GRAYSON LAKE	1512	GRAYSON	38-11-48	83-02-36	KY5090104-008L01	CARTER\ELLIOTT	LITTLE SANDY	N\A
GREENBRIAR LAKE	66	PRESTON	38-01-11	83-51-34	KY5100101-022L01	MONTGOMERY	LICKING	GREENBRIAR CREEK
GREENBO LAKE	181	ARGILLITE	38-29-19	85-52-04	KY5090104-007L01	GREENUP	LITTLE SANDY	CLAYLICK CREEK
GREEN RIVER LAKE	8210	CANE VALLEY	37-14-59	85-20-02	KY5110001-033L01	ADAIR\TAYLOR	GREEN	N\A
GUIST CREEK LAKE	317	SHELBYVILLE	38-12-28	85-08-31	KY5140102-021L01	SHELBY	SALT	GUIST CREEK
HAPPY HOLLOW LAKE	20	OLMSTEAD ILL-KY	37-00-28	89-01-48	KY8010100-001L05	BALLARD	OHIO	HUMPHREY CREEK
HEMATITE LAKE	90	MONT	36-53-44	88-02-53	KY5130205-016L03	TRIGG	LOWER CUMBERLAND	LONG CREEK
HERRINGTON LAKE	2940	WILMORE	37-44-45	84-42-14	KY5100205-038L01	MERCER\GARRARD	KENTUCKY	DIX RIVER
HONKER LAKE	190	MONT	36-54-22	88-01-47	KY5130205-016L02	TRIGG	LOWER CUMBERLAND	LONG CREEK
KENTUCKY LAKE	48100	GRAND RIVERS	36-29-52	88-02-42	KY6040005-001L01	MARSHALL\LIVINGSTON	TENNESSEE	N\A
KINCAID LAKE	183	FALMOUTH	38-42-57	84-16-36	KY5100101-008L01	PENDLETON	LICKING	KINCAID CREEK
KINGFISHER LAKE	30	MACEO	37-50-42	86-58-35	KY5140201-001L02	DAVIESS	OHIO	PUP CREEK
LAKE BARKLEY	45600	GRAND RIVERS	36-44-12	87-57-58	KY5130205-006L01	LIVINGSTON\LYON	LOWER CUMBERLAND	N\A
LAKE BESHEAR	760	DAWSON SPRINGS	37-08-28	87-40-57	KY5140205-014L01	CALDWELL\CHRISTIAN	TRADEWATER	PINEY CREEK
LAKE BLYTHE	89	KELLY	36-55-32	87-30-00	KY5130205-009L01	CHRISTIAN	LOWER CUMBERLAND	WHITE CREEK
LAKE CARNICO	114	CARLISLE	38-20-48	84-02-30	KY5100102-020L01	NICHOLAS	LICKING	BRUSHY CREEK
LAKE CUMBERLAND	50250	WOLF CREEK DAM	36-54-47	84-58-43	KY5130103-010L01	RUSSELL\CLINTON	UPPER CUMBERLAND	N\A
LAKE GEORGE	53	MARION	37-17-49	88-05-25	KY5140203-004L01	CRITTENDEN	OHIO	UT TO CROOKED CREEK
LAKE JERICHO	137	SMITHFIELD	38-27-07	85-16-56	KY5140101-006L01	HENRY	LITTLE KENTUCKY	N\A
LAKE LINVILLE	273	WILDIE	37-23-20	84-20-40	KY5130102-007L01	ROCKCASTLE	UPPER CUMBERLAND	RENFRO CREEK
LAKE MALONE	826	ROSEWOOD	37-04-19	87-02-20	KY5110003-006L01	MUHLENBERG	GREEN	ROCKY CREEK
LAKE MORRIS	170	KELLY	36-55-44	87-27-18	KY5130205-009L02	CHRISTIAN	LOWER CUMBERLAND	UPPER BRANCH, LITTLE RIV
LAKE PEWEE	360	MADISONVILLE WEST	37-21-09	87-31-40	KY5140205-008L01	HOPKINS	TRADEWATER	GREASY CREEK
LAKE WASHBURN	26	DUNDEE	37-31-05	86-50-56	KY5110004-007L01	OHIO	GREEN	LICK BRANCH
LAUREL CREEK LAKE	42	WHITLEY CITY	36-41-18	84-26-35	KY5130101-011L01	MCCREARY	UPPER CUMBERLAND	LAUREL CREEK

LAKE NAME	TOTAL ACRES	USGS QUADRANGLE	LATI-TUDE	LONGI-TUDE	WATERBODY SYSTEM NUMBER	COUNTY NAME	RIVER BASIN	SUBBASIN
LAUREL RIVER LAKE	6060	SAWYER	36-58-21	84-15-31	KY5130101-003L01	LAUREL\WHITLEY	UPPER CUMBERLAND	LAUREL RIVER
LEWISBURG LAKE	51	LEWISBURG	36-58-14	86-55-36	KY5110003-008L01	LOGAN	GREEN	AUSTIN CREEK
LIBERTY LAKE	79	LIBERTY	37-19-03	84-54-26	KY5110001-042L01	CASEY	GREEN	HICKMAN CREEK
LOCH MARY	135	MADISONVILLE WEST	37-16-06	87-31-22	KY5140205-008L02	HOPKINS	TRADEWATER	UT TO CLEAR CREEK
LONG POND	56	CAIRO,ILL-KY	37-01-15	89-07-40	KY8010100-002L01	BALLARD	MISSISSIPPI	CYPRESS SLOUGH
LONG RUN PARK LAKE	27	CRESTWOOD	38-16-01	85-25-05	KY5140102-012L01	JEFFERSON	SALT	LONG RUN
LUZERNE LAKE	55	GREENVILLE	37-12-42	87-11-54	KY5110003-003L01	MUHLENBERG	GREEN	UT TO CANEY CREEK
MARION COUNTY LAKE	21	LEBANON EAST	37-30-54	85-14-45	KY5140103-007L01	MARION	SALT	UT TO ROLLING FORK
MARTIN'S FORK LAKE	334	ROSE HILL,VA-KY	36-44-36	83-15-58	KY5130101-038L01	HARLAN	UPPER CUMBERLAND	MARTINS FORK
MAUZY LAKE	84	BORDLEY	37-37-08	87-51-26	KY5140202-004L01	UNION	OHIO	CASEY CREEK
MCNEELY LAKE	51	BROOKS	38-06-09	85-38-07	KY5140102-008L01	JEFFERSON	SALT	PENNSYLVANIA RUN
METCALFE COUNTY LAKE	22	EAST FORK	37-02-30	85-36-32	KY5110001-022L01	METCALFE	GREEN	SULPHUR CREEK
METROPOLIS LAKE	36	JOPPA,ILL-KY	37-08-52	88-46-00	KY5140206-006L01	MCCRACKEN	OHIO	FLOOD PLAIN LAKE
MILL CREEK L. (MONROE CO)	109	TOMPKINSVILLE	36-40-44	85-41-45	KY5110002-022L01	MONROE	GREEN	MILL CREEK
MILL CREEK L. (POWELL CO)	41	SLADE	37-46-07	83-40-06	KY5100204-018L01	POWELL	KENTUCKY	MILL CREEK
MITCHELL LAKE	58	OLMSTEAD ILL-KY	37-06-24	89-02-43	KY8010100-001L07	BALLARD	OHIO	HUMPHREY CREEK
MOFFIT LAKE	49	BORDLEY	37-34-41	87-51-10	KY5140205-002L01	UNION	TRADEWATER	DYSON CREEK
NOLIN RIVER LAKE	5790	NOLIN LAKE	37-20-10	86-10-55	KY5110001-007L01	EDMONSON	GREEN	NOLIN RIVER
PAINTSVILLE LAKE	1139	OIL SPRINGS	37-50-28	82-52-38	KY5050203-008L01	JOHNSON	BIG SANDY	LEVISA FORK
PANBOWL LAKE	98	JACKSON,QUICKSAND	37-34-30	82-22-31	KY5100201-005L01	BREATHITT	KENTUCKY	NF KENTUCKY RIVER
PENNYRILE LAKE	47	DAWSON SPRINGS SW	37-04-06	87-39-50	KY5140205-014L02	HOPKINS	TRADEWATER	CLIFTY CREEK
PROVIDENCE CITY LAKE (NEW)	35	PROVIDENCE	37-22-30	87-47-49	KY5140205-007L01	WEBSTER	TRADEWATER	OWENS CREEK
REFORMATORY LAKE	54	LAGRANGE	38-23-52	85-26-16	KY5140101-004L01	OLDHAM	OHIO	CEDAR CREEK
ROUGH RIVER LAKE	5100	MCDANIELS	37-36-40	86-29-00	KY5110004-013L01	GRAYSON\BRCKINRDGE	GREEN	ROUGH RIVER
SALEM LAKE	99	HODGENVILLE	37-35-29	85-42-41	KY5110001-016L01	LARUE	GREEN	SALEM CREEK
SANDLICK CREEK LAKE	74	BURTONVILLE	38-23-23	83-36-41	KY5100101-021L01	FLEMING	LICKING	SAND LICK CREEK
SCENIC LAKE	18	EVANSVILLE S,ILL-KY	37-52-42	87-33-37	KY5140202-006L01	HENDERSON	OHIO	UT TO OHIO RIVER
SHANTY HOLLOW LAKE	135	REEDYVILLE	37-09-02	86-23-13	KY5110001-005L01	WARREN	GREEN	CLAY LICK CREEK
SHELBY LAKE (SHELBY CO)	17	SHELBYVILLE	38-13-59	85-13-02	KY5140102-022L01	SHELBY	SALT RIVER	CLEAR CREEK
SHELBY LAKE (BALLARD CO)	24	OLMSTEAD ILL-KY	37-11-01	89-01-52	KY8010100-001L08	BALLARD	OHIO	GAR CREEK

LAKE NAME	TOTAL ACRES	USGS QUADRANGLE	LATI-TUDE	LONGI-TUDE	WATERBODY SYSTEM NUMBER	COUNTY NAME	RIVER BASIN	SUBBASIN
SMOKEY VALLEY LAKE	36	GRAHN	38-21-59	83-07-41	KY5090103-007L01	CARTER	TYGARTS CREEK	SMOKEY CREEK
SPA LAKE (MUD RIVER MPS 6A)	240	SHARON GROVE	36-56-04	87-01-25	KY5110003-007L01	LOGAN	GREEN	WOLF LICK CREEK
SPURLINGTON LAKE	36	SPURLINGTON	37-23-18	83-15-12	KY5110001-034L01	TAYLOR	GREEN	BRUSHY FK, ROBINSON CK
STANFORD CITY RESERVOIR	43	HALLS GAP	37-29-12	84-40-48	KY5100205-044L01	LINCOLN	KENTUCKY	NEALS CREEK
SYMPSON LAKE	184	CRAVENS	37-48-27	85-30-17	KY5140103-011L01	NELSON	SALT	BUFFALO CREEK
SWAN POND	193	BARLOW,KY-ILL	37-15-50	89-07-05	KY8010100-001L04	BALLARD	MISSISSIPPI	MINOR SLOUGH
TAYLORSVILLE LAKE	3050	TAYLORSVILLE	38-00-05	85-13-12	KY5140102-025L01	SPENCER	SALT	N\A
TURNER LAKE	61	OLMSTEAD,ILL-KY	37-10-22	89-02-30	KY5140206-001L01	BALLARD	OHIO	HUMPHREY CREEK
TYNER LAKE	87	MCKEE	37-22-09	83-54-47	KY5130102-010L01	JACKSON	UPPER CUMBERLAND	FLAT LICK CREEK
WILGREEN LAKE	169	RICHMOND SOUTH	37-42-44	84-20-43	KY5100205-052L01	MADISON	KENTUCKY	TRACE FORK,SILVER CK
WILLIAMSTOWN LAKE	300	WILLIAMSTOWN	38-40-38	84-31-15	KY5100101-007L01	GRANT	LICKING	SF GRASSY CREEK
WILLISBURG LAKE	126	BRUSH GROVE	37-49-32	85-09-24	KY5140103-017L01	WASHINGTON	SALT	LICK CREEK
WOOD CREEK LAKE	672	BERNSTADT	37-11-24	84-10-48	KY5130102-005L01	LAUREL	UPPER CUMBERLAND	WOOD CREEK

COLUMN HEADER	DEFINITION
ASSESSMENT:	
DATE	year of the most recent assessment
CAT	CATEGORY = the type of assessment made in determining the water quality condition of the waterbody M (monitored) assessments were based on current (<10 yrs. old) site-specific data E (evaluated) assessments were based on information other than site specific criteria
TYPE	one digit code representing the type of water quality assessment made on the waterbody: 1 = assessment based on growing season sampling regime (three times per year) 2 = assessment based on data collected over time at fixed monitoring stations 3 = assessment based on Division of Water collections 4 = assessment based on U.S.Corps of Engineers collections 5 = assessment based on Tennessee Valley Authority collections
TROPHIC STATUS	the trophic state of the waterbody at the most recent assessment
TOX MON?	Toxics Monitoring? an indication of the existence of information (Y=yes;N=no) indicating the presence or absence of toxics in the waterbody
TOXIC CODES	the type of toxics monitoring information gathered at the waterbody 1 = Organics in the water column 2 = Organics in fish tissue 3 = Pesticides in water column 4 = Pesticides in fish tissue 5 = Metals in the water column 6 = Metals in the sediment 7 = Metals in fish tissue 8 = Toxics testing of discharge
FISH CONSUMPTION:	
SUPP	no fish/shellfish advisories or bans in effect
PART	a fish/shellfish advisory or ban in effect for "restricted consumption" which limits the number of meals or amount consumed per unit time
NOT	a fish/shellfish advisory or ban with a commercial fishing/shellfishing ban in effect for "no consumption" for one or more fish species

COLUMN HEADER	DEFINITION
SWIMMABLE:	
SUPP	the number of acres which support water-based recreational activities
PART	the number of acres which partially support water-based recreational activities
NOT	the number of acres which do not support water-based recreational activities
USE SUPPORT:	Use Support Status
FULL	all uses are supported(based on data)
PART	one or more uses are partially supported and the remaining uses are fully supported
NOT	one or more uses are not being supported 1) WAH = warmwater aquatic habitat 2) CAH = coldwater aquatic habitat 3) PCR = primary contact recreation 4) SCR = secondary contact recreation 5) DWS = domestic water supply
CAUSE\SOURCE:	a code which refers to the cause and source of the impact that caused the waterbody to either not or partially support the use 1 = metals 2 = nutrients 3 = suspended solids 4 = shallow lake basin 5 = pH 6 = other inorganics A = natural B = lake fertilization C = municipal (package treatment plants) D = septic tanks E = unspecified nonpoint source F = surface mining/deep mining/abandoned lands G = agricultural nonpoint source H = animal holding and management areas I = in-place contaminants (sediments)

LAKE NAME	ASSESSMENT:			TROPHIC STATUS	TOX MON?	TOXIC CODES	FISH CONSUMPTION:			SWIM-MABLE:			USE FULLY SUPPORTED	USE PART SUPPORTED	USE NOT SUPPORTED	CAUSE/ SOURCE
	DATE	CAT	TYPE				S	PS	NS	S	PS	NS				
A.J.JOLLY LAKE	1989	M	1,3	EUTROPHIC	N		204			204			WAH,PCR,SCR,DWS			
ARROWHEAD LAKE	1989	M	1,3	EUTROPHIC	N		37			37			WAH,PCR,SCR			
BARREN RIVER LAKE	1987	M	2,4	MESOTROPHIC	N		10000			10000			WAH,PCR,SCR,DWS			
BEAVER CREEK ARM	1987	M	2,4	EUTROPHIC	N								WAH,PCR,SCR			
SKAGGS CREEK ARM	1987	M	2,4	MESOTROPHIC	N								WAH,PCR,SCR			
BEAVER LAKE	1989	M	1,3	EUTROPHIC	N		158			158			WAH,PCR,SCR			
BEAVER DAM LAKE	1991	M	1,3	HYPER-EUTROPHIC	N		50			50			WAH,PCR,SCR			
BERT COMBS LAKE	1990	M	1,3	EUTROPHIC	N		36			36			WAH,PCR,SCR,DWS			
BOLTZ LAKE	1989	M	1,3	EUTROPHIC	N		92			92			WAH,PCR,SCR			
BRIGGS LAKE	1990	M	1,3	EUTROPHIC	N		18			18			PCR,SCR	WAH		2,B
BUCK LAKE	1989	M	1,3	EUTROPHIC	N		19			19			WAH,PCR,SCR			
BUCKHORN LAKE	1989	M	2,4	OLIGOTROPHIC	Y	1,3,5,6	1230			1230			WAH,PCR,DWS	SCR		3,F
BULLOCK PEN LAKE	1989	M	1,3	EUTROPHIC	N		134			134			WAH,PCR,SCR,DWS			
BURNT POND	1989	M	1,3	EUTROPHIC	N		10			10			WAH,PCR,SCR			
CAMPBELLSVILLE CITY RES.	1989	M	1,3	EUTROPHIC	N		63			63			PCR,SCR,DWS	WAH		2,G
CAMPTON LAKE	1990	M	1,3	MESOTROPHIC	N		26			26			WAH,PCR,SCR,DWS			
CANEYVILLE CITY RESERVOIR	1990	M	1,3	EUTROPHIC	N		75			75			WAH,PCR	DWS,SCR		2,A
CANNON CREEK LAKE	1990	M	1,3	OLIGOTROPHIC	N		243			243			WAH,PCR,SCR,DWS			
CARPENTER LAKE	1990	M	1,3	EUTROPHIC	N		64			64			PCR	WAH,SCR		2,4,A,I
CARR FORK LAKE	1989	M	2,4	EUTROPHIC	Y	1,3,5,6	710			710			WAH,PCR	SCR		3,F
CAVE RUN LAKE	1989	M	2,4	MESOTROPHIC	Y	1,3,5,6	8270			8270			WAH,PCR SCR,DWS			
CHENOA LAKE	1990	M	1,3	MESOTROPHIC	N		37			37			WAH,PCR,SCR			
CORBIN CITY RESERVOIR	1990	M	1,3	MESOTROPHIC	N		139			139			WAH,PCR,		DWS,SCR	2,C,G
CORINTH LAKE	1989	M	1,3	EUTROPHIC	N		96			96			WAH,PCR,SCR			
CRANKS CREEK LAKE	1990	M	1,3	OLIGOTROPHIC	N		219			219				WAH,PCR,SCR		5,F
DALE HOLLOW LAKE	1979	M	2,4	OLIGOTROPHIC	N		4300			4300			WAH,PCR,SCR			
DEWEY LAKE	1990	M	2,4	MESOTROPHIC	Y	1,3,5,6	1100			1100			WAH,PCR	SCR		3,F
DOE RUN LAKE	1989	M	1,3	EUTROPHIC	N		51			51			WAH,PCR,SCR			
ELMER DAVIS LAKE	1989	M	1,3	EUTROPHIC	N		149			149			WAH,PCR,SCR			
ENERGY LAKE	1989	M	1,3	EUTROPHIC	N		370			370			WAH,PCR,SCR			

LAKE NAME	ASSESSMENT:			TROPHIC STATUS	TOX MON?	TOXIC CODES	FISH CONSUMPTION:			SWIM-MABLE:			USE FULLY SUPPORTED	USE PART SUPPORTED	USE NOT SUPPORTED	CAUSE/ SOURCE
	DATE	CAT	TYPE				S	PS	NS	S	PS	NS				
FISH LAKE	1989	M	1,3	EUTROPHIC	N		27			227			WAH,PCR,SCR			
FISHPOND LAKE	1990	M	1,3	EUTROPHIC	N		32			32			WAH,PCR,SCR			
FISHTRAP LAKE	1989	M	2,4	OLIGOTROPHIC	Y	1,3,5,6	1143			1143			WAH,PCR	SCR		3,F
FLAT LAKE	1989	M	1,3	EUTROPHIC	N		38			38			WAH,PCR,SCR			
FREEMAN LAKE	1990	M	1,3	EUTROPHIC	N		160			160			WAH,PCR,SCR,DWS			
GENERAL BUTLER ST.PK. LAKE	1989	M	1,3	EUTROPHIC	N		29			29			WAH,PCR,SCR			
GRAPEVINE LAKE	1990	M	1,3	MESOTROPHIC	N		50			50			WAH,PCR,SCR,DWS			
GRAYSON LAKE	1989	M	2,4	OLIGOTROPHIC	Y	1,3,5,6	1512			1512			WAH,PCR,SCR,DWS			
GREENBRIAR LAKE	1990	M	1,3	EUTROPHIC	N		66			66			WAH,PCR,SCR,DWS			
GREENBO LAKE	1989	M	1,3	MESOTROPHIC	N		181			181			WAH,PCR,SCR			
GREEN RIVER LAKE	1990	M	2,4	MESOTROPHIC	Y	1,2,3,5,6	8210			8210			WAH,PCR,SCR,DWS			
GUIST CREEK LAKE	1989	M	1,3	EUTROPHIC	N		317			317			PCR,SCR	WAH,DWS		2,G
HAPPY HOLLOW LAKE	1991	M	1,3	HYPER-EUTROPHIC	N		20			20			WAH,PCR,SCR			
HEMATITE LAKE	1989	M	1,3	MESOTROPHIC	N		90			90			WAH,PCR,SCR			
HERRINGTON LAKE	1989	M	1,3	EUTROPHIC	N		2940			2940			PCR,SCR,DWS		WAH	2,C,G,D
HONKER LAKE	1989	M	1,3	MESOTROPHIC	N		190			190			PCR,SCR	WAH		2,A
KENTUCKY LAKE	1991	M	2,4	EUTROPHIC	Y	1,2,3,4,5,6,7	49100			49100			WAH,PCR,SCR,DWS			
KINCAID LAKE	1990	M	1,3	EUTROPHIC	N		183			183			PCR,SCR	WAH		2,E
KINGFISHER LAKE	1990	M	1,3	EUTROPHIC	N		30			30			WAH,PCR	SCR		2,B
LAKE BARKLEY	1984	M	5	EUTROPHIC	N		45600			45600			WAH,PCR,SCR,DWS			
LAKE BESHEAR	1990	M	1,3	MESOTROPHIC	N		760			760			PCR,SCR,DWS	WAH		2,A
LAKE BLYTHE	1990	M	1,3	MESOTROPHIC	N		89			89			WAH,PCR,SCR			
LAKE CARNICO	1990	M	1,3	EUTROPHIC	N		114			114			WAH,PCR,SCR			
LAKE CUMBERLAND	1982	M	2,4	OLIGOTROPHIC	N		50250			50250			WAH,PCR,SCR,DWS			
LILY CREEK ARM	1991	M	1,3	EUTROPHIC	N								WAH,PCR,SCR			
BEAVER CREEK ARM	1990	M	1,3	EUTROPHIC	N								WAH,PCR,SCR			
LAKE GEORGE	1990	M	1,3	EUTROPHIC	N		53			53			PCR,SCR,DWS	WAH		2,G
LAKE JERICHO	1991	M	1,3	EUTROPHIC	N		137			137			PCR,SCR		WAH	2,G
LAKE LINVILLE	1990	M	1,3	MESOTROPHIC	N		273			273			WAH,PCR,SCR,DWS			
LAKE MALONE	1990	M	1,3	EUTROPHIC	N		826			826			WAH,PCR,SCR			

LAKE NAME	ASSESSMENT:			TROPHIC STATUS	TOX MON?	TOXIC CODES	FISH CONSUMPTION:			SWIM-MABLE:			USE FULLY SUPPORTED	USE PART SUPPORTED	USE NOT SUPPORTED	CAUSE/ SOURCE
	DATE	CAT	TYPE				S	PS	NS	S	PS	NS				
LAKE MORRIS	1990	M	1,3	MESOTROPHIC	N		170			170			WAH,PCR,SCR	DWS		2,G
LAKE PEWEE	1990	M	1,3	MESOTROPHIC	N		360			360			WAH,PCR,SCR,DWS			
LAKE WASHBURN	1990	M	1,3	EUTROPHIC	N		26			26			PCR,SCR	WAH		2,E
LAUREL CREEK LAKE	1990	M	1,3	MESOTROPHIC	N		42			42			WAH,PCR,SCR	DWS		2,A
LAUREL RIVER LAKE	1979	M	2,4	OLIGOTROPHIC	N		6060			6060			WAH,PCR SCR,DWS			2,C,E
MIDLAKE-LAUREL R. ARM	1979	M	2,4	MESOTROPHIC	N								WAH,PCR,SCR,DWS			
HEADWTRS-LAUREL R. ARM	1979	M	2,4	EUTROPHIC	N								WAH,PCR	SCR		2,C,G
LIBERTY LAKE	1989	M	1,3	MESOTROPHIC	N		79			79			WAH,PCR,SCR	DWS		1,A
LOCH MARY	1990	M	1,3	OLIGOTROPHIC	N		135			135			WAH,PCR,SCR		DWS	1,6,F
LONG POND	1989	M	1,3	EUTROPHIC	N		56			56			WAH,PCR,SCR			
LONG RUN PARK LAKE	1989	M	1,3	MESOTROPHIC	N		27			27			WAH,PCR,SCR			
LUZERNE LAKE	1990	M	1,3	MESOTROPHIC	N		55			55			WAH,PCR,SCR,DWS			
MARION COUNTY LAKE	1989	M	1,3	EUTROPHIC	N		21			21			WAH,PCR	SCR		2,B
MARTIN'S FORK LAKE	1982	M	2,4	OLIGOTROPHIC	N		334			334			WAH,PCR	SCR		3,F
MAUZY LAKE	1990	M	1,3	EUTROPHIC	N		84			84			PCR,SCR		WAH	2,B
MCNEELY LAKE	1991	M	1,3	EUTROPHIC	N		51			51			PCR,SCR		WAH	2,C
METCALFE COUNTY LAKE	1990	M	1,3	EUTROPHIC	N		22			22			PCR	WAH,SCR		1,4,A,G
METROPOLIS LAKE	1989	M	1,3	EUTROPHIC	N		36			36			WAH,PCR,SCR			
MILL CREEK L. (MONROE CO.)	1990	M	1,3	MESOTROPHIC	N		109			109			WAH,PCR,SCR			
MILL CREEK L. (POWELL CO.)	1990	M	1,3	MESOTROPHIC	N		41			41			WAH,PCR,SCR,DWS			
MITCHELL LAKE	1991	M	1,3	HYPER-EUTROPHIC	N		58			58			WAH,PCR,SCR			
MOFFIT LAKE	1990	M	1,3	EUTROPHIC	N		49			49			WAH,PCR,SCR			
NOLIN RIVER LAKE	1989	M	2,4	MESOTROPHIC	Y	1,3,5,6	5790			5790			WAH,PCR,SCR			
PAINTSVILLE LAKE	1989	M	2,4	MESOTROPHIC	Y	1,3,5,6	1139			1139			WAH,PCR,SCR			
PANBOWL LAKE	1990	M	1,3	MESOTROPHIC	N		98			98			WAH,PCR,SCR			
PENNYRILE LAKE	1991	M	1,3	EUTROPHIC	N		47			47			WAH,PCR,SCR			
PROVIDENCE CITY LAKE (NEW)	1990	M	1,3	MESOTROPHIC	N		35			35			WAH,PCR,SCR,DWS			
REFORMATORY LAKE	1991	M	1,3	EUTROPHIC	N		54			54			PCR,SCR	WAH		2,I
ROUGH RIVER LAKE	1989	M	2,4	MESOTROPHIC	Y	1,3,5,6	5100			5100			WAH,PCR,SCR	DWS		1,A
SALEM LAKE	1990	M	1,3	EUTROPHIC	N		99			99			WAH,PCR,DWS	SCR		4,A

LAKE NAME	ASSESSMENT:			TROPHIC STATUS	TOX MON?	TOXIC CODES	FISH CONSUMPTION:			SWIM-MABLE:			USE FULLY SUPPORTED	USE PART SUPPORTED	USE NOT SUPPORTED	CAUSE/ SOURCE
	DATE	CAT	TYPE				S	PS	NS	S	PS	NS				
SANDLICK CREEK LAKE	1989	M	1,3	EUTROPHIC	N		74			74			PCR,SCR	WAH		2,G
SCENIC LAKE	1990	M	1,3	EUTROPHIC	N		18			18			PCR,SCR	WAH		2,I
SHANTY HOLLOW LAKE	1991	M	1,3	EUTROPHIC	N		135			135			WAH,PCR,SCR			
SHELBY LAKE (SHELBY CO.)	1990	M	1,3	EUTROPHIC	N		17			17			PCR,SCR	WAH		2,G,I
SHELBY LAKE (BALLARD CO.)	1991	M	1,3	EUTROPHIC	N		24			24			WAH,PCR,SCR			
SMOKEY VALLEY LAKE	1989	M	1,3	MESOTROPHIC	N		36			36			WAH,PCR,SCR			
SPA LAKE (MUD RIV. MPS 6A)	1990	M	1,3	EUTROPHIC	N		240			240			PCR,SCR,DWS	WAH		2,G
SPURLINGTON LAKE	1989	M	1,3	EUTROPHIC	N		36			36			WAH,PCR,SCR			
STANFORD CITY RESERVOIR	1989	M	1,3	OLIGOTROPHIC	N		43			43			WAH,PCR,SCR	DWS		2,A
SYMPSON LAKE	1990	M	1,3	EUTROPHIC	N		184			184			WAH,PCR,SCR		DWS	2,G
SWAN POND	1989	M	1,3	EUTROPHIC	N		193			193			WAH,PCR,SCR			
TAYLORSVILLE LAKE	1989	M	2,4	EUTROPHIC	Y	1,3,5,6	3050			3050			PCR,SCR		WAH	2,C,G
TURNER LAKE	1989	M	1,3	EUTROPHIC	N		61			61			WAH,PCR,SCR			
TYNER LAKE	1990	M	1,3	MESOTROPHIC	N		87			87			WAH,PCR,SCR,DWS			
WILGREEN LAKE	1990	M	1,3	EUTROPHIC	N		169			169			PCR	WAH,SCR		2,D
WILLIAMSTOWN LAKE	1990	M	1,3	EUTROPHIC	N		300			300			WAH,PCR,SCR,DWS			
WILLISBURG LAKE	1989	M	1,3	EUTROPHIC	N		126			126			WAH,PCR,SCR,DWS			
WOOD CREEK LAKE	1989	M	1,3	MESOTROPHIC	N		672			672			WAH,PCR,SCR,DWS			