BLAYLOCK ~~LOAR~~

Tennessee Valley Authority
Division of Environmental Research and Development
Water Quality Branch

MERCURY CONCENTRATIONS IN FISH FLESH

May 1970-May 1972

SURVEY OF TVA RESERVOIRS

Watts Bar
TRM 529 — TRM 602

ChemRisk Document No. 3054

Summary of Data Available as of June 7, 1972

Analyses by TVA

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		SOUTH HOLSTON RESERVOIR			
SFHRM 61	7-22-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Smallmouth bass	<0.05		
		WATAUGA RESERVOIR			
Roan Creek Mile 2	7-30-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Drum	<0.05		
		Drum	0.11		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Redhorse	<0.05		
		Redhorse	<0.05		
		Smallmouth bass	<0.05		
		Walleye	<0.05		
		White crappie	<0.05		
		BOONE RESERVOIR			
SFHRM 29	5-2-70	Carp	0.1		
		Carp	0.1		
		Carp	0.1		
		Crappie	<0.1		
		Crappie	<0.1		
		Crappie	0.1		
		Crappie	0.2		
		Gizzard shad	<0.1		
		Gizzard shad	<0.1		
		Gizzard shad	<0.1		
		Gizzard shad	0.1		
SFHRM 26.5	5-2-70	Black crappie	<0.1		
		Carp	<0.1		
		Carp	0.1		
		Gizzard shad	<0.1		
		Gizzard shad	<0.1		
		White crappie	<0.1		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		BOONE RESERVOIR			
SFHRM 26.2	3-16-71	Carp	0.05	0.08	
		Carp	0.06		
		Carp	0.06		
		Carp			0.06
		Carp	0.07		
		Carp	0.08		
		Carp			0.08
		Carp			0.09
		Carp			0.10
		Carp			0.17
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass			0.01
		Largemouth bass			0.04
		Largemouth bass		0.08	0.07
		Largemouth bass	0.10	0.04	
		Largemouth bass		0.08	0.10
		Largemouth bass			0.10
	5-18-71	Carp	<0.05		
		Carp			0.06
		Carp	<0.05		
		Carp			0.08
		Carp	0.10		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	0.05	<0.04	
		Largemouth bass	0.06		
		Largemouth bass	0.08	0.04	
		Largemouth bass			0.05
		Largemouth bass		<0.04	0.06
		Largemouth bass			0.08
		Largemouth bass			0.12
		Largemouth bass		0.35	0.12
		Quillback	0.05		
		Quillback			0.13
		Redhorse			0.11
	9-13-71	Carp	0.05		
		Carp	0.09		
		Carp	0.09		
		Carp	0.12		
		Carp			0.04
		Carp			0.08
		Carp			0.08
		Carp			0.15
		Carp			0.23

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		BOONE RESERVOIR			
SFHRM 26.2	9-13-71	Largemouth bass	<0.05	<0.04	
		Largemouth bass	<0.05	<0.04	
		Largemouth bass	<0.05		
		Largemouth bass			0.02
		Largemouth bass		<0.04	0.03
		Largemouth bass			0.12
		Largemouth bass		<0.04	0.16
		Redhorse	0.09		
		White bass	<0.05		
		White bass	<0.05		
		White bass			0.13
	3-14-72	Carp	0.07		
		Carp	0.13		
		Carp	0.13		
		Carp	0.18		
		Carp	0.22		
		Carp			0.06
		Carp			0.06
		Carp			0.08
		Carp			0.08
		Carp			0.15
		Largemouth bass	0.06		
		Largemouth bass	0.07		
		Largemouth bass	0.10		
		Largemouth bass	0.23		
		Largemouth bass	0.30		
		Largemouth bass			0.03
		Largemouth bass			0.04
		Largemouth bass			0.04
		Largemouth bass			0.05
		Largemouth bass			0.12
Watauga River Mile 6	3-16-71	Carp	<0.05		
		Carp	<0.05		
		Carp			0.05
		Carp	0.07		
		Carp			0.09
		Largemouth bass	<0.05	0.04	
		Largemouth bass	<0.05	0.18	
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass			0.03
		Largemouth bass			0.03
		Largemouth bass		0.13	0.04
		Largemouth bass		0.14	0.05
		Largemouth bass			0.05

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		BOONE RESERVOIR			
Watauga River Mile 6	5-19-71	Carp	<0.05		
		Carp	0.07		
		Carp			0.05
		Channel catfish	<0.05		
		Channel catfish	0.05		
		Channel catfish			0.02
		Channel catfish			0.03
		Largemouth bass	0.05	<0.04	
		Largemouth bass	0.06		
		Largemouth bass	0.07		
		Largemouth bass	0.13		
		Largemouth bass	0.17	0.16	
		Largemouth bass		<0.04	0.02
		Largemouth bass		<0.04	0.08
		Largemouth bass			0.10
		Largemouth bass			0.12
		Largemouth bass			0.21
		Smallmouth bass	<0.05		
		White sucker			0.04
	9-14-71	Carp	<0.05		
		Carp	0.07		
		Carp	0.07		
		Carp			0.04
		Carp			0.05
		Carp			0.14
		Largemouth bass	<0.05	<0.04	
		Largemouth bass	<0.05	<0.04	
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass		<0.04	0.01
		Largemouth bass			0.05
		Largemouth bass		<0.04	0.12
		Largemouth bass			0.13
		White bass	<0.05		
		White bass			0.06
	3-15-72	Carp	0.06		
		Carp	0.06		
		Carp	0.07		
		Carp	0.17		
		Carp			0.05
		Carp			0.05
		Carp			0.06
		Carp			0.07
		Carp			0.09
		Carp			0.13
		Largemouth bass	<0.05		
		Largemouth bass	0.06		
		Largemouth bass	0.06		
		Largemouth bass			0.02
		Largemouth bass			0.02
		Largemouth bass			0.03
		Largemouth bass			0.05
		Striped bass	0.06		
		Striped bass	0.06		
		Striped bass			0.05

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		FORT PATRICK HENRY RESERVOIR			
SFHRM 12	7-22-70	Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		White crappie	<0.05		
		White crappie	<0.05		
		NORTH FORK HOLSTON RIVER			
Mile 78 (Approximate)	8-13-70	Common shiner	0.94		
		Common shiner	1.1		
		Longear sunfish	1.2*		
		Longear sunfish	1.6**		
		Longear sunfish	2.4		
		Longear sunfish	3.4		
		Yellow bullhead	2.6		
		Yellow bullhead	3.5		
		Yellow bullhead	3.8		
		Yellow bullhead	4.0		
		Yellow bullhead	4.4		
Mile 72	3-13-72	Redbreast sunfish	1.8		
		Redbreast sunfish	2.3		
		Redbreast sunfish	2.4		
		Redbreast sunfish	2.4		
		Redbreast sunfish	2.7		
		Redbreast sunfish	2.9		
		Redbreast sunfish	2.9		
		Redbreast sunfish	3.1		
Mile 68	7-30-70	Bullhead	0.35		
		Bullhead	0.54		
		Hog sucker	0.20		
		Hog sucker	0.34		
		Redbreast sunfish	0.09		
		Rock bass	0.18		
		Smallmouth bass	0.27		
		Smallmouth bass	0.48		

*Four small fish (whole) composited for sample.

**Five small fish (whole) composited for sample.

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		NORTH FORK HOLSTON RIVER			
Mile 68	8-14-70	Hog sucker	0.70		
		Hog sucker	0.85		
		Hog sucker	0.88		
		Hog sucker	1.2		
		Longear sunfish	0.67		
		Longear sunfish	1.2		
		Rock bass	0.60		
		Rock bass	0.77		
		Rock bass	0.78		
		Rock bass	0.94		
		Rock bass	1.2		
		Rock bass	1.2		
		Rock bass	1.2		
		Rock bass	1.8		
		Yellow bullhead	0.76		
	6-29-71	Channel catfish	1.2		
		Channel catfish	1.6		
		Channel catfish	2.2		
		Channel catfish	2.8		
		Channel catfish	5.3		
		Hog sucker	0.92		
		Hog sucker	0.93		
		Hog sucker	0.98		
		Hog sucker	1.0		
		Hog sucker	1.0		
		Smallmouth bass	2.5		
		Smallmouth bass	2.5		
		Smallmouth bass	3.0		
		Smallmouth bass	4.0	>4.00	
		Smallmouth bass	4.1		
	9-15-71	Channel catfish	1.5		
		Channel catfish	1.7		
		Channel catfish	2.0		
		Channel catfish	2.9		
		Channel catfish	6.1		
		Hog sucker	0.9		
		Hog sucker	1.0		
		Hog sucker	1.1		
		Hog sucker	1.2		
		Hog sucker	1.2		
		Hog sucker	1.3		
		Hog sucker	1.3		
		Hog sucker	1.3		
		Hog sucker	1.4		
		Smallmouth bass	3.4	>4.00	
		Smallmouth bass	3.4	>4.00	
	9-16-71	Rock bass	2.6		
		Smallmouth bass	1.9		
		Smallmouth bass	2.8		
		Smallmouth bass	3.1		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		NORTH FORK HOLSTON RIVER			
Mile 63	10-17-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Channel catfish	0.58		
		Channel catfish	0.94		
		Channel catfish	2.8		
		Channel catfish	3.3	1.16	
		Common shiner	0.17		
		Common shiner	0.21		
		Common shiner	0.22		
		Common shiner	0.30		
		Common shiner	0.45		
		Hog sucker	0.18		
		Hog sucker	0.27	1.10	
		Hog sucker	0.31		
		Hog sucker	0.33		
		Hog sucker	0.51		
		Hog sucker	0.93		
		Hog sucker	1.3		
		Longear sunfish	0.13		
		Longear sunfish	0.15		
		Longear sunfish	0.70		
		Longear sunfish	0.85		
		Longear sunfish	1.2		
		Redeye bass	0.38		
		Redeye bass	0.62		
		Redeye bass	0.73		
		Redeye bass	0.96		
		Redeye bass	1.2		
		Smallmouth bass	0.15		
		Smallmouth bass	0.22		
		Smallmouth bass	0.74		
		Smallmouth bass	0.95		
		Smallmouth bass	1.0	0.98	
		Smallmouth bass	1.6		
Mile 45	8-11-70	Channel catfish	1.0		
		Hog sucker	1.1		
		Yellow bullhead	0.52		
	8-12-70	Channel catfish	1.2		
		Gizzard shad	0.12		
		Hog sucker	0.89		
		Redbreast sunfish	0.38		
		Redbreast sunfish	0.44		
		Rock bass	0.38		
		Rock bass	0.49		
		Smallmouth bass	2.0		
		Smallmouth bass	2.4		
		Yellow bullhead	0.40		
Mile 25	8-12-70	White sucker	0.56		
Mile 8 (Approximate)	8-11-70	Bluegill	0.05		
		Rock bass	1.1		
		Rock bass	1.1		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		NORTH FORK HOLSTON RIVER			
Mile 7	6-28-71	Hog sucker	0.88		
		Hog sucker	1.1		
		Hog sucker			1.15
		Hog sucker			1.38
		Hog sucker			1.43
		Redhorse	1.1		
		Redhorse	1.5		
		Redhorse	1.7		
		Redhorse			0.39
		Redhorse			2.45
		Smallmouth bass	1.4		
		Smallmouth bass	1.4		
		Smallmouth bass	1.7		
		Smallmouth bass	1.9	1.81	
		Smallmouth bass	1.9	1.83	
		Smallmouth bass		1.30	1.11
		Smallmouth bass			1.41
		Smallmouth bass			1.56
		Smallmouth bass		2.02	1.82
		Smallmouth bass			2.47
	12-13-71	Redhorse	0.65		
		Redhorse	1.1		
		Redhorse	1.5		
		Redhorse	1.7		
		Redhorse	2.1		
		Redhorse			
		Redhorse			
		Redhorse			
		Redhorse			
		Redhorse			
		Rock bass	1.1		
		Rock bass	1.5		
		Rock bass			
		Rock bass			
		Smallmouth bass	1.5		
		Smallmouth bass	1.8		
		Smallmouth bass	2.0		
		Smallmouth bass			
		Smallmouth bass			
		Smallmouth bass			
	3-14-72	Hog sucker	0.96		
		Hog sucker	1.2		
		Hog sucker	1.2		
		Hog sucker	1.7		
		Hog sucker			0.69
		Hog sucker			0.74
		Hog sucker			1.06
		Redbreast sunfish	1.3		
		Redbreast sunfish			0.62
		Redbreast sunfish			0.64
		Redbreast sunfish			0.87
		Redbreast sunfish			1.14

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		NORTH FORK HOLSTON RIVER			
Mile 7	3-14-72	Redhorse	0.48		
		Redhorse	1.5		
		Redhorse			0.84
		Rock bass	1.0		
		Rock bass	1.4		
		Rock bass			0.88
		Smallmouth bass	2.2		
		Smallmouth bass			1.48
Mile 0.5	8-11-70	Hog sucker	0.88		
		Hog sucker	0.93		
		Hog sucker	1.2		
		Hog sucker	1.5		
		Rock bass	0.92		
		Rock bass	0.95		
		Rock bass	1.0		
		Smallmouth bass	0.84		
		Smallmouth bass	1.4		
		Smallmouth bass	1.7		
		Smallmouth bass	2.6		
		HOLSTON RIVER			
Mile 135 (Approximate)	10-6-70	Bluegill	<0.05*		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Green sunfish	<0.05*		
		Minnows	<0.05**		
		White sucker	<0.05*		
Mile 118 (Approximate)	8-11-70	B. bullhead	0.25		
		Blue catfish	0.10		
		Carp	0.14		
		Carp	0.15		
		Gizzard shad	0.06		
		Gizzard shad	0.10		
		Gizzard shad	0.14		

*Whole fish (too small to filet).

**Whole fish (six 2 inches long) too small to filet.

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		HOLSTON RIVER			
Mile 118 (Approximate)	8-11-70	Largemouth bass	0.06		
		Redbreast sunfish	0.11		
		Redbreast sunfish	0.24		
		Redbreast sunfish	0.36		
		Smallmouth bass	0.13		
		Warmouth bass	0.22		
		Warmouth bass	0.41		
		White sucker	0.12		
		White sucker	0.26		
		Yellow bullhead	0.13		
Mile 106 (Approximate)	8-11-70	Bluegill	0.16		
		Bluegill	0.17		
		Carp	0.16		
		Carp	0.38		
		Gizzard shad	0.13		
		Gizzard shad	0.22		
		Largemouth bass	0.12		
		Largemouth bass	0.62		
		CHEROKEE RESERVOIR			
Holston River Mile 92	7-28-70	Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Flathead catfish	<0.05		
		Flathead catfish	<0.05		
		Flathead catfish	<0.05		
		Gizzard shad	<0.05		
		Goldfish	<0.05		
		Rockfish (hybrid)	<0.05		
		Rockfish (hybrid)	<0.05		
		Rockfish (hybrid)	<0.05		
		White bass	<0.05		
		White bass	0.05		
Holston River Mile 90	8-11-70	Bluegill	0.32		
		Bluegill	0.42		
		Carp	0.20		
		Carp	0.39		
		Gizzard shad	0.15		
		Gizzard shad	0.19		
		Largemouth bass	0.28		
		Largemouth bass	0.37		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		CHEROKEE RESERVOIR			
Holston River Mile 86	5-26-70	Bluegill	0.3		
		Bluegill	0.6		
		Carp	<0.2		
		Carp	0.8		
		Gizzard shad	0.4		
		Gizzard shad	0.8		
		Largemouth bass	0.5		
		Largemouth bass	0.7		
Holston River Mile 69	5-25-70	Bluegill	<0.2		
		Bluegill	<0.2		
		Carp	<0.1		
		Carp	<0.2		
		Gizzard shad	<0.1		
		Gizzard shad	<0.2		
		Largemouth bass	<0.1		
		Smallmouth bass	0.3		
	8-10-70	Bluegill	0.16		
		Bluegill	0.18		
		Channel catfish	0.14		
		Carp	0.18		
		Carp	0.19		
		Gizzard shad	0.05		
		Gizzard shad	0.07		
		Largemouth bass	0.13		
		Largemouth bass	0.33		
	11-17-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Bluegill	0.07		
		Bluegill	0.08		
		Bluegill	0.18		
		Carp	0.06		
		Carp	0.13		
		Carp	0.15		
		Carp	0.19		
		Crappie	<0.05		
		Crappie	0.05		
		Crappie	0.06		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.06		
		Gizzard shad	0.08		
		Golden redhorse	0.16		
		Largemouth bass	0.05		
		Largemouth bass	0.09		
		Largemouth bass	0.11	<0.04	
		Largemouth bass	0.12		
		Largemouth bass	0.16	<0.04	
		Largemouth bass	0.32	0.23	

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		DOUGLAS RESERVOIR			
French Broad River Mile 55	5-27-70	Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Longear sunfish	<0.05		
		FORT LOUDOUN RESERVOIR			
TRM 634	6-4-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
TRM 618	6-3-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		FONTANA RESERVOIR			
LTRM 74	6-2-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		CHILHOWEE RESERVOIR			
LTRM 38.5	7-27-70	Bluegill	<0.05		
		Gizzard shad	<0.05		
		Redhorse	<0.05		
Abrams Creek Embayment	7-27-70	Channel catfish	<0.05		
		Channel catfish	<0.05		
		Redhorse	<0.05		
		White sucker	<0.05		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		NORRIS RESERVOIR			
Powell River Mile 30	7-21-70	Bass	<0.05		
		Bass	<0.05		
		Bluegill	<0.05		
		Bluegill	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Redhorse	<0.05		
		Redhorse	<0.05		
Clinch River Mile 124	7-16-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Quillback	<0.05		
		White bass	<0.05		
		MELTON HILL RESERVOIR			
Clinch River Mile 43	5-21-70	Bluegill	<0.2		
		Bluegill	<0.2		
		Buffalo	<0.2		
		Buffalo	<0.2		
		Gizzard shad	Not detectable		
		Gizzard shad	1.4		
		Largemouth bass	<0.2		
		Largemouth bass	<0.2		
	6-25-70	Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		WATTS BAR RESERVOIR			
TRM 579 TRM 572 (Oak Ridge Task Force)	6-2-70	Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.08		
		Redbreast sunfish	<0.05		
		Redbreast sunfish	<0.05		
		Smallmouth buffalo	<0.05		
		Spotted bass	<0.05		
		White crappie	<0.05		
		White crappie	<0.05		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		WATTS BAR RESERVOIR			
TRM 555 TRM 558 (Oak Ridge Task Force)	6-2-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Drum	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Smallmouth buffalo	<0.05		
		Smallmouth buffalo	<0.05		
		White crappie	<0.05		
		White crappie	<0.05		
		CHATUGE RESERVOIR			
Hiwassee River Mile 125	7-23-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Channel catfish	<0.05		
		Smallmouth bass	<0.05		
		White bass	<0.05		
		White bass	<0.05		
		NOTTELY RESERVOIR			
Nottely River Mile 35	7-23-70	Flathead catfish	<0.05		
		Flathead catfish	<0.05		
		Spotted bass	<0.05		
		Spotted bass	<0.05		
		Walleye	<0.05		
		HIWASSEE RESERVOIR			
Grape Creek	5-25-70	Bluegill	<0.1		
		Bluegill	<0.7		
		Carp	<0.1		
		Carp	<0.2		
		Channel catfish	<0.1		
		Channel catfish	<0.2		
		Gizzard shad	<0.1		
		Gizzard shad	<0.2		
		Redhorse	<0.2		
		River redhorse	0.2		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		APALACHIA RESERVOIR			
Hiwassee River Mile 72-73	7-28-70	Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Redhorse	<0.05		
		Spotted bass	<0.05		
		Spotted bass	<0.05		
		Walleye	<0.05		
		Walleye	<0.05		
		HIWASSEE RIVER			
Mile 45.5	10-20-70	Rainbow trout	<0.05		
Mile 44.5	10-20-70	Brown trout	<0.05		
Mile 40.5	10-19-70	Rainbow trout	<0.05		
Mile 39.5	10-20-70	Rainbow trout	<0.05		
Mile 29.5	10-20-70	Rainbow trout	<0.05		
		BLUE RIDGE RESERVOIR			
Toccoa River Mile 57.6	7-24-70	Black redhorse	<0.05		
		Carp	<0.05		
		Hog sucker	<0.05		
Toccoa River Mile 55	7-23-70	Channel catfish	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Smallmouth bass	<0.05		
		OCOEE NO. 1 RESERVOIR			
Sylco Cove	5-26-70	Carp	<0.1		
		Carp	<0.2		
		White sucker	<0.1		
		White sucker	<0.1		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		CHICKAMAUGA RESERVOIR (HIWASSEE ARM)			
Hiwassee River Mile 14	6-5-70	Buffalo	<0.05		
		Carpsucker	<0.05		
		Crappie	<0.05		
		Crappie	<0.05		
		Drum	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.07		
		Gizzard shad	0.08		
		Gizzard shad	0.10		
		Largemouth bass	0.17		
		Quillback	<0.05		
		Smallmouth buffalo	<0.05		
		Smallmouth buffalo	<0.05		
		Spotted sucker	<0.05		
Hiwassee River Mile 13	7-20-70	Bass	<0.05		
		Bass	<0.05		
		Bluegill	<0.05		
		Buffalo	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.06		
		Redear sunfish	<0.05		

Location	Collection Date	Fish Species	TVA	EPA SEWL	TWQCB	FDA	Stewart	ESEC
Hiwassee River Mile 13	10-19-70	Bluegill	<0.05					
		Bluegill	<0.05					
		Bluegill	0.12					
		Bluegill	0.13					
		Bluegill		<0.04				
		Bluegill		<0.04				
		Bluegill		0.08				
		Bluegill					0.05	
		Buffalo	0.09		0.12	0.13	0.03	
		Golden redhorse	0.05		0.03	0.06	0.02	
		Kentucky bass	0.08		0.23	0.21	0.10	0.44
		Largemouth bass	0.11		0.24	0.46	0.10	0.74
		Largemouth bass		0.10				
		Largemouth bass		0.13				
		Largemouth bass		0.56				
		Largemouth bass					0.10	
		Redear sunfish	0.05					
		Redear sunfish	0.08					
		Shad	<0.05		0.08	0.05	<0.02	
		Shad	<0.05					
		Shad	<0.05					
		Shad	<0.05					
		Shad	0.06					
		Shad	0.07					
		Shad		<0.04				
		Shad		0.08				

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		CHICKAMAUGA RESERVOIR (HIWASSEE ARM)			
Hiwassee River Mile 13	2-17-71	Bluegill			0.18
		Buffalo			0.43
		Carp			0.04
		Carp	<0.05		
		Carp	0.12		
		Carp	0.13		
		Carp			0.24
		Largemouth bass			0.43
		Largemouth bass	0.48		
		Largemouth bass			0.69
		Redear sunfish	<0.05		
		Redear sunfish	<0.05		
		Redear sunfish			0.06
		Spotted bass	0.31		
		Spotted sucker			0.01
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
		Spotted sucker			0.14
		Warmouth			0.73
		White crappie	0.29		
	6-2-71	Buffalo	0.06		
		Buffalo			0.03
		Buffalo			0.06
		Buffalo			0.12
		Buffalo			0.14
		Carp	0.07		
		Carp	0.08		
		Carp			0.15
		Largemouth bass	0.08		
		Largemouth bass	0.14	0.18	
		Largemouth bass	0.17	0.24	
		Largemouth bass		0.26	0.15
		Largemouth bass			0.20
		Largemouth bass			0.38
		Largemouth bass		0.63	0.41
		Redhorse	<0.05		
		Redhorse			0.11
		Spotted bass	0.12		
		Spotted bass	0.28		
		Spotted bass			0.12
	9-10-71	Carp	0.07		
		Carp	0.08		
		Drum	0.08		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	0.09		
		Largemouth bass	0.16	0.21	
		Largemouth bass	0.30	0.38	
		Largemouth bass		0.28	
		Largemouth bass		0.44	
		Redhorse	<0.05		
		Smallmouth buffalo	0.07		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		CHICKAMAUGA RESERVOIR (HIWASSEE ARM)			
Hiwassee River Mile 13	11-30-71	Carp	0.09		
		Carp			
		Drum			
		Largemouth bass	0.13		
		Largemouth bass	0.15		
		Largemouth bass	0.18		
		Largemouth bass	0.24	0.33	
		Largemouth bass	0.25	0.35	
		Largemouth bass		0.43	
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Redhorse			
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
		Spotted sucker			
		Spotted sucker			
	2-28-72	Carp	0.14		
		Carp	0.21		
		Carp			
		Carp			
		Carp			
		Largemouth bass	0.14		
		Largemouth bass	0.15		
		Largemouth bass	0.16		
		Largemouth bass	0.19		
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
		Spotted sucker			
		Spotted sucker			
		White crappie	0.05		
			TVA	EPA SEWL	Stewart
Hiwassee River Mile 7.5	10-19-70	Bluegill	<0.05		
		Bluegill		<0.04	
		Bluegill		<0.04	
		Bluegill			0.04
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass			0.04

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	Stewart
		CHICKAMAUGA RESERVOIR (HIWASSEE ARM)			
Hiwassee River Mile 7.5	10-19-70	Redear sunfish	<0.05		
		Redear sunfish	0.06		
		Redear sunfish	0.11		
		Redear sunfish		0.19	
		Shad	<0.05		
		Shad	<0.05		
		Shad	<0.05		
		Shad	<0.05		
		Shad		<0.04	
		Shad		<0.04	
		Shad			0.03
		Shad		0.20	
		White bass	0.15		
		White bass		0.16	
		White crappie	<0.05		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		CHICKAMAUGA RESERVOIR			
TRM 508	6-3-70	Bluegill	<0.05		
		Channel catfish	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Redhorse	<0.05		
		Redhorse	<0.05		

Location	Collection Date	Fish Species	TVA	EPA SEWL	TWQCB	FDA	Stewart	ESEC
TRM 505	10-20-70	Bluegill	<0.05					
		Bluegill		<0.04				
		Bluegill					0.03	
		Bluegill		0.14				
		Largemouth bass		0.14				
		Largemouth bass		0.20				
		Largemouth bass	0.28		0.36	0.37	0.38	0.66
		Redear sunfish	0.06					
		Redear sunfish	0.11					
		Redear sunfish		0.12				
		Shad	<0.05					
		Shad	<0.05					
		Shad	<0.05					
		Shad	<0.05		0.04	0.05	<0.02	
		Shad	<0.05		0.12	0.05	<0.02	
		Shad		<0.04				
		Shad		<0.04				
		Shad					0.02	
		Shad		0.07				
		Spotted bass	0.08		0.10	0.25	0.02	0.45
		Spotted bass		0.38				
		Spotted bass					0.60	

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		CHICKAMAUGA RESERVOIR			
TRM 496	6-1-71	Buffalo	0.21		
		Buffalo	0.21		
		Buffalo			0.26
		Carp	0.28		
		Carp			0.23
		Largemouth bass	0.16		
		Largemouth bass	0.33		
		Largemouth bass	0.34		
		Largemouth bass	0.48	0.43	
		Largemouth bass	0.53	0.73	
		Largemouth bass			0.19
		Largemouth bass			0.27
		Largemouth bass			0.29
		Largemouth bass		0.85	0.89
		Largemouth bass		0.78	0.93
		Redhorse	0.11		
		Redhorse	0.42		
		Redhorse			0.22
		Redhorse			0.43
		Redhorse			0.77
TRM 491	6-3-70	Carp	0.06		
		Gizzard shad	<0.05		
		Gizzard shad	0.07		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Longear sunfish	0.17		
		Longear sunfish	0.22		
		Smallmouth buffalo	<0.05		

Location	Collection Date	Fish Species	TVA	EPA SEWL	TWQCB	FDA	Stewart	ESEC
TRM 490	10-20-70	Bluegill	0.05*					
		Bluegill		<0.04				
		Bluegill	0.10					
		Bluegill	0.15					
		Largemouth bass	0.07		0.13	0.17	0.06	0.29
		Redear sunfish					0.05	
		Redear sunfish		0.36				
		Shad	<0.05					
		Shad	<0.05					
		Shad	<0.05					
		Shad	<0.05		0.03	0.06	0.02	
		Shad		<0.04				
		Shad		<0.06				
		Shad		0.18				
		Shad					0.05	
		Shad	0.05					

*Composite of two small muscle parts.

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB	FDA	Stewart	ESEC
		CHICKAMAUGA RESERVOIR						
TRM 490	10-20-70	Smallmouth buffalo	0.25		0.41	0.42	0.30	0.67
		Spotted bass		<0.04				
		Spotted bass	0.13					
		Spotted bass					0.13	
		Spotted bass		0.18				
		Spotted bass	0.21					
		Spotted bass		0.45				

Location	Collection Date	Fish Species	TVA	EPA SEWL	TWQCB
TRM 490	2-18-71	Bluegill	0.17		
		Bluegill			0.41
		Carp	0.12		
		Carp			0.15
		Crappie	<0.05		
		Crappie	0.06		
		Crappie	0.08		
		Crappie	0.11		
		Crappie	0.14		
		Crappie			0.10
		Crappie			0.12
		Crappie			0.13
		Crappie			0.25
		Drum	<0.05		
		Drum	0.11		
		Drum			0.09
		Redear sunfish	0.14		
		Redear sunfish			0.11
		Redear sunfish			0.15
	9-10-71	Carp	0.24		
		Largemouth bass		0.35	
		Redhorse	0.26		
		Redhorse	0.34		
		Smallmouth buffalo	0.25		
		Smallmouth buffalo	0.32		
		Spotted bass	0.08		
		Spotted bass	0.09		
		Spotted bass	0.09		
		Spotted bass	0.18	0.20	
		Spotted bass	0.27	0.44	
		Spotted bass		0.29	
	12-8-71	Blue catfish			0.14
		Buffalo	0.10		
		Buffalo			0.20
		Carp	<0.05		
		Carp	<0.05		
		Carp			0.16
		Carp			0.20

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		CHICKAMAUGA RESERVOIR			
TRM 490	12-8-71	Channel catfish	0.11		
		Channel catfish			0.23
		Crappie	0.07		
		Crappie			0.21
		Largemouth bass	0.22		
		Largemouth bass	0.39		
		Largemouth bass			0.43
		Redhorse	0.20		
		Redhorse	0.22		
		Redhorse			0.17
		Redhorse			0.17
		Sunfish			0.27
	2-29-72	Bass	0.12		
		Bass	0.23		
		Bass	0.24		
		Bass	0.38		
		Bass			0.09
		Bass			0.24
		Bass			0.25
		Bass			0.31
		Bass			0.44
		Carp	0.14		
		Carp	0.14		
		Carp			0.20
		Carp			0.23
		Carp			0.31
		Lamprey			0.11
		Largemouth bass	0.15		
		Redhorse	0.11		
		Redhorse			0.11
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
		Spotted sucker			0.03
		NICKAJACK RESERVOIR			
TRM 457	6-9-70	Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.06		
		Golden redhorse	<0.05		
		Largemouth bass	<0.05		
		Redear sunfish	<0.05		
		Smallmouth buffalo	<0.05		
		Spotted sucker	<0.05		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		NICKAJACK RESERVOIR			
TRM 441	6-9-70	Carp	<0.05		
		Channel catfish	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Redear sunfish	<0.05		
		Redear sunfish	<0.05		
		GUNTERSVILLE RESERVOIR			
TRM 394	6-9-70	Bigmouth buffalo	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.07		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Redear sunfish	<0.05		
		Smallmouth buffalo	<0.05		
		White crappie	0.07		
TRM 372	6-9-70	Blue catfish	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	0.06		
		Redear sunfish	<0.05		
		Redear sunfish	0.05		
		Smallmouth buffalo	<0.05		
		Smallmouth buffalo	<0.05		
		WHEELER RESERVOIR			
TRM 319	6-10-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Golden redhorse	<0.05		
		Golden redhorse	<0.05		
TRM 298	6-10-70	Gizzard shad	0.07		
		Gizzard shad	0.10		
		Largemouth bass	<0.05		
		Largemouth bass	0.08		
		Smallmouth buffalo	0.08		
		Smallmouth buffalo	0.12		
		White bass	<0.05		
		White bass	<0.05		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		WILSON RESERVOIR			
TRM 267	6-17-70	Carp	<0.1		
		Channel catfish	0.1		
		Drum	<0.1		
		Gizzard shad	<0.1		
		Gizzard shad	<0.1		
		Largemouth bass	<0.1		
		Largemouth bass	0.2		
		White crappie	<0.1		
TRM 266	6-19-70	Carp	0.37		
		Flathead catfish	<0.05		
		Golden redhorse	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	0.21		
		Redear sunfish	0.11		
		PICKWICK RESERVOIR			
TRM 259.3	12-18-70	Sauger	0.33		
		Sauger	0.37		
		Sauger	0.39		
		Sauger	0.64		
		Sauger	0.90		
TRM 259	6-17-70	Gizzard shad	<0.1		
		Gizzard shad	<0.2		
		Redear sunfish	<0.3		
		Spotted sucker	<0.2		
		Spotted sucker	0.6		
TRM 257.5	5-25-70	Bluegill	0.3		
		Bluegill	1.4		
		Carp	0.8		
		Carp	1.3		
		Drum	0.5		
		Gizzard shad	0.8		
		Gizzard shad	2.0		
		Smallmouth bass	0.7		
		White bass	1.0		
TRM 257	6-11-70	Bluegill	<0.4		
		Bluegill	<0.5		
		Carp	1.5		
		Drum	0.8		
		Gizzard shad	<0.3		
		Gizzard shad	<0.3		
		Redhorse	<0.2		
		Redhorse	<0.2		
		Redhorse	1.3		
		Redhorse	1.7		
		Redhorse	1.9		
		Redhorse	2.3		
		Redhorse	2.4		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 257	7-27-70	Redhorse	0.40		
		Redhorse	0.47		
		Smallmouth bass	0.07		
		Smallmouth bass	0.13		
	8-11-70	Blue catfish	0.90		
		Bluegill	0.26		
		Bluegill	0.36		
		Bluegill	0.74		
		Bluegill	0.83		
		Bluegill	1.0		
		Carp	0.38		
		Carp	0.42		
		Carp	0.66		
		Carp	0.71		
		Carp	1.2		
		Carp	1.8		
		Flathead catfish	2.1		
		Gizzard shad	0.13		
		Gizzard shad	0.20		
		Gizzard shad	0.26		
		Gizzard shad	0.33		
		Gizzard shad	0.38		
		Gizzard shad	1.6		
		Largemouth bass	0.53		
		Longnose gar	0.37		
		Redhorse	0.48		
		Redhorse	0.58		
		Redhorse	0.70		
		Redhorse	1.4		
		Redhorse	1.5		
		Sauger	3.5		
		Smallmouth bass	0.09		
		Smallmouth bass	0.28		
		Smallmouth bass	0.30		
		Smallmouth bass	0.39		
		Smallmouth bass	0.45		
		Smallmouth bass	0.54		
		Smallmouth bass	0.55		
		Spotted sucker	0.10		
		White bass	0.44		
	9-10-70	Bluegill	0.15		
		Bluegill	0.24		
		Bluegill	0.53		
		Bluegill	0.54		
		Bluegill	0.63		
		Bluegill	0.93		
		Carp	0.22		
		Carp	0.41		
		Carp	0.53		
		Carp	0.56		
		Carp	0.57		
		Carp	0.65		
		Channel catfish	0.24		
		Channel catfish	0.43		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 257	9-10-70	Flathead catfish	1.5		
		Largemouth bass	0.38		
		Largemouth bass	0.73		
		Redhorse	0.53		
		Redhorse	0.65		
		Redhorse	1.2		
		Redhorse	1.3		
		Sauger	0.60		
		Sauger	0.88		
		Smallmouth bass	0.21		
		Smallmouth bass	0.35		
		Smallmouth bass	0.35		
		Smallmouth bass	0.39		
		Smallmouth bass	0.40		
		Smallmouth bass	0.59		
		Smallmouth bass	0.62		
		Smallmouth bass	0.63		
		Smallmouth bass	0.98		
		Smallmouth bass	0.99		
		Smallmouth bass	1.0		
		Smallmouth bass	1.0		
		Smallmouth bass	1.1		
		Smallmouth bass	1.4		
		Smallmouth bass	1.5		
		White bass	0.73		
		White crappie	0.07		
		Yellow bass	0.20		
		Yellow bass	0.32		
		Yellow bass	0.40		
		Yellow bass	0.44		
		Yellow bass	0.62		
	9-12-70	Blue catfish	0.31		
		Blue catfish	0.35		
		Channel catfish	0.33		
		Sauger	0.79		
		Smallmouth bass	0.98		
	10-13-70	Bluegill	<0.05		
		Bluegill	0.08		
		Bluegill	0.12		
		Bluegill	0.21		
		Bluegill	0.64		
		Carp	0.24		
		Carp	0.31		
		Carp	0.36		
		Carp	0.53		
		Carp	1.1		
		Channel catfish	0.08		
		Channel catfish	0.32		
		Channel catfish	0.48	0.37	
		Largemouth bass	0.26	0.43	

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 257	10-13-70	Redear sunfish	0.22		
		Redear sunfish	0.65		
		Redhorse	0.06		
		Redhorse	0.41		
		Smallmouth bass	0.06		
		Smallmouth bass	0.09		
		Smallmouth bass	0.26		
		Smallmouth bass	0.85	0.45	
		Yellow bass	0.09		
		Yellow bass	0.09		
		Yellow bass	0.25		
		Yellow bass	0.26		
		Yellow bass	0.51		
	11-12-70	Bluegill	0.17		
		Bluegill	0.18		
		Bluegill	0.19		
		Bluegill	0.19		
		Bluegill	0.20		
		Bluegill	0.21		
		Bluegill	0.22		
		Bluegill	0.39		
		Bluegill	0.46		
		Bluegill	0.60		
		Bluegill	0.80		
		Hog sucker	0.27		
		Hog sucker	0.63		
		Longear sunfish	0.49		
		Longear sunfish	0.52		
		Redhorse	0.06		
		Redhorse	0.34		
		Redhorse	0.65		
		Smallmouth bass	0.30		
		Smallmouth bass	0.31		
		Smallmouth bass	0.31		
		Smallmouth bass	0.38		
		Smallmouth bass	0.40		
		Smallmouth bass	0.45	0.14	
		Smallmouth bass	0.45		
		Smallmouth bass	0.45		
		Smallmouth bass	0.49		
		Smallmouth bass	0.49		
		Smallmouth bass	0.51		
		Smallmouth bass	0.52		
		Smallmouth bass	0.55		
		Smallmouth bass	0.58	0.28	
		Smallmouth bass	0.58		
		Smallmouth bass	0.66		
		Smallmouth bass	1.8		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 257	12-14-70	Redhorse	0.07		
		Redhorse	0.28		
		Sauger	0.38		
		Sauger	0.59		
		Smallmouth bass	0.34		
		Smallmouth bass	0.37		
		Smallmouth bass	0.45		
		Smallmouth bass	0.49	0.58	
		Smallmouth bass	0.56		
	12-15-70	Longear sunfish	0.26		
		Longear sunfish	0.38		
		Longear sunfish	0.41		
		Longear sunfish	0.86		
		Redhorse	0.19		
		Redhorse	0.28		
		Redhorse	0.57		
		Redhorse	1.0		
		Sauger	0.39		
		Sauger	0.46		
		Sauger	0.64		
		Sauger	0.69		
		Sauger	0.86		
		Smallmouth bass	0.30		
		Smallmouth bass	0.33		
		Smallmouth bass	0.35		
		Smallmouth bass	0.39		
		Smallmouth bass	0.40		
		Smallmouth bass	0.52	0.53	
		Smallmouth bass	0.57	0.75	
		Smallmouth bass	0.89	0.43	
	1-11-71	Bluegill	0.20		
		Bluegill	0.25		
		Carp	0.24		
		Redhorse	0.11		
		Redhorse	0.14		
		Redhorse	0.19		
		Redhorse	0.31		
		Redhorse	0.32		
		Redhorse	0.41		
		Redhorse	0.41		
		Redhorse	0.54		
		Sauger	0.34		
		Sauger	0.34		
		Sauger	0.41		
		Sauger	0.41		
		Sauger	0.51		
		Sauger	0.52		
		Sauger	0.76		
		Sauger	0.78		
		Sauger	0.96		
		Smallmouth bass	0.39		
		Smallmouth bass	0.44		
		Smallmouth bass	0.47		
		Smallmouth bass	0.52		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 257	2-16-71	Carp	0.14		
		Carp	0.15		
		Carp	0.24		
		Carp	0.86		
		Largemouth bass	0.94		
		Largemouth bass	1.1		
		Largemouth bass	1.1		
		Longear sunfish	0.16		
		Longear sunfish	0.20		
		Longear sunfish	0.55		
		Longear sunfish	0.83		
		Mooneye	0.26		
		Mooneye	0.66		
		Mooneye	1.3		
		Mooneye	1.3		
		Redhorse	0.16		
		Redhorse	0.26		
		Redhorse	0.35		
		Smallmouth bass	0.70		
		Smallmouth buffalo	0.40		
		Smallmouth buffalo	0.43		
		Spotted gar	0.70		
		Spotted sucker	0.08		
		Spotted sucker	0.14		
		Spotted sucker	0.58		
		White bass	0.49		
		White bass	0.85		
		Yellow bass	0.30		
TRM 254	6-17-70	Bluegill	<0.2		
		Carp	0.2		
		Carp	0.2		
		Gizzard shad	<0.2		
		Gizzard shad	<0.3		
		Golden redhorse	0.5		
TRM 248	4-19-72	White crappie	0.08		
		White crappie	0.15		
		White crappie	0.19		
		White crappie	0.19		
		White crappie	0.30		
TRM 240	6-11-70	Carp	0.7		
		Carp	1.3		
		Channel catfish	0.4		
		Channel catfish	1.7		
		Gizzard shad	<0.2		
		Gizzard shad	<0.2		
		Largemouth bass	1.6		
		Largemouth bass	1.8		
	7-28-70	Carp	0.06		
		Channel catfish	0.13		
		Largemouth bass	0.08		
		Smallmouth bass	0.10		
		Smallmouth buffalo	<0.05		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	8-13-70	Bluegill	0.24		
		Bluegill	0.37		
		Bluegill	0.39		
		Bluegill	0.40		
		Bluegill	0.48		
		Carp	0.60		
		Carp	0.85		
		Carp	0.92		
		Channel catfish	1.2		
		Crappie	0.36		
		Drum	0.68		
		Drum	0.76		
		Gizzard shad	0.23		
		Gizzard shad	0.28		
		Gizzard shad	0.32		
		Gizzard shad	0.40		
		Gizzard shad	0.52		
		Largemouth bass	1.2		
		Redear sunfish	0.52		
		Smallmouth bass	0.71		
		Smallmouth bass	0.86		
		Smallmouth bass	0.95		
		Smallmouth bass	1.0		
		Smallmouth bass	1.2		
		Spotted sucker	0.54		
	9-11-70	Bluegill	0.50		
		Bluegill	0.60		
		Bluegill	0.75		
		Bluegill	0.90		
		Bluegill	0.92		
		Carp	0.53		
		Carp	0.58		
		Carp	0.66		
		Carp	1.1		
		Carp	1.2		
		Channel catfish	0.85		
		Channel catfish	1.3		
		Drum	0.84		
		Drum	0.96		
		Drum	1.5		
		Largemouth bass	1.0		
		Largemouth bass	1.1		
		Largemouth bass	1.2		
		Largemouth bass	1.3		
		Largemouth bass	2.1		
		Redhorse	0.59		
		Redhorse	0.91		
		Redhorse	1.3		
		Sauger	0.73		
		Smallmouth bass	1.0		
		Smallmouth bass	1.3		
		Smallmouth bass	1.6		
		Smallmouth bass	1.6		
		Smallmouth bass	1.8		
		White crappie	0.54		
		White crappie	0.62		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	10-14-70	Bluegill	0.14		
		Bluegill	0.17		
		Bluegill	0.28		
		Bluegill	0.35		
		Bluegill	0.52		
		Carp	0.19		
		Carp	0.28		
		Carp	0.35		
		Carp	0.47		
		Carp	0.75		
		Carp	0.83		
		Channel catfish	0.11	0.25	
		Channel catfish	0.18		
		Channel catfish	0.39		
		Largemouth bass	0.19		
		Largemouth bass	0.34		
		Largemouth bass	0.41		
		Largemouth bass	0.43		
		Largemouth bass	0.46	1.28	
		Largemouth bass	0.55		
		Largemouth bass	0.74		
		Largemouth bass	1.5		
		Redhorse	<0.05		
		Redhorse	0.10		
		Smallmouth bass	0.09		
		Smallmouth bass	0.16		
		Smallmouth bass	0.18		
		Smallmouth bass	0.23		
		Smallmouth bass	0.39		
		Smallmouth bass	0.86		
		Smallmouth bass	0.94	0.92	
		Smallmouth bass	1.7		
	3-11-71	Blue catfish	0.18		
		Blue catfish	0.44		
		Carp	0.70		
		Channel catfish	0.27		
		Channel catfish	0.32	0.36	
		Channel catfish	0.33	0.35	
		Channel catfish	0.37		
		Channel catfish	0.57	0.59	
		Channel catfish	0.74		
		Channel catfish	0.74		
		Sauger	0.35		
		Sauger	0.38		
		Sauger	0.51		
		Sauger	0.59		
		Sauger	0.60		
		Sauger	0.62		
		Sauger	0.64		
		Sauger	0.70		
		Sauger	0.96		
		Sauger	1.1		
		Sauger	1.1		
		Sauger	1.5		
		Sauger	1.9		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	3-11-71	Skipjack herring	0.42		
		Skipjack herring	0.75		
		Spotted sucker	0.61		
		Spotted sucker	0.65		
		Walleye	1.4		
		White bass	0.42		
		White bass	0.72		
		White bass	0.73		
	4-15-71	Carp	0.27		
		Carp	0.27		
		Carp	0.59		
		Carp	0.88		
		Carp	0.91		
		Drum	0.47		
		Drum	0.72		
		Drum	0.85		
		Drum	1.7		
		Largemouth bass	0.78		
		Largemouth bass	0.94		
		Largemouth bass	1.6	1.31	
		Smallmouth bass	0.80		
		Smallmouth bass	0.87		
		Smallmouth bass	0.92		
		Smallmouth bass	0.94	0.82	
		Smallmouth bass	0.94		
		Smallmouth bass	0.94		
		Smallmouth bass	1.0		
	4-20-71	Redhorse	0.11		
	5-17-71	Carp	0.59		
		Carp	0.61		
		Carp	0.63		
		Carp	0.83		
		Carp	0.90		
		Drum	0.65		
		Largemouth bass	0.73		
		Largemouth bass	0.74		
		Largemouth bass	0.84		
		Largemouth bass	0.93		
		Largemouth bass	1.0		
		Largemouth bass	1.1		
		Largemouth bass	1.8	2.30	
		Largemouth bass	1.9		
		Largemouth bass	2.1	1.60	
		Redhorse	1.5		
		White bass	0.65		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	6-10-71	Carp	0.27		
		Carp	0.83		
		Drum	0.75		
		Drum	1.4		
		Largemouth bass	0.87		
		Largemouth bass	0.94		
		Largemouth bass	1.1	1.43	
		Largemouth bass	1.2		
		Largemouth bass	1.2		
		Largemouth bass	1.4	1.45	
		Redhorse	0.36		
		Redhorse	0.51		
		Redhorse	1.1		
		Redhorse	1.4		
		Redhorse	1.7		
		Redhorse	1.7		
		Smallmouth bass	0.87		
		Smallmouth bass	0.98		
		Smallmouth bass	0.99		
		Smallmouth bass	1.1		
	7-14-71	Bullhead	0.58		
		Carp	0.63		
		Carp	0.70		
		Carp	0.70		
		Carp	0.70		
		Carp	0.72		
		Carp	1.5		
		Golden redhorse	0.69		
		Golden redhorse	1.4		
		Golden redhorse	1.7		
		Golden redhorse	1.7		
		Largemouth bass	0.65		
		Largemouth bass	0.70		
		Largemouth bass	0.73		
		Largemouth bass	1.4	1.90	
		Largemouth bass	2.0	1.35	
		Smallmouth bass	0.22		
		Yellow bass	0.36		
		Yellow bass	0.37		
		Yellow bass	0.62		
		Yellow bass	0.87		
	8-18-71	Carp	0.52		
		Carp	0.64		
		Carp	0.76		
		Carp	0.87		
		Carp	0.88		
		Drum	1.3		
		Golden redhorse	0.59		
		Largemouth bass	1.7	1.96	

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	8-18-71	Redhorse	0.37		
		Redhorse	0.71		
		Redhorse	1.5		
		Smallmouth bass	0.37	0.34	
		Smallmouth bass	0.45		
		Smallmouth bass	0.46		
		Smallmouth bass	0.49		
		Smallmouth bass	0.80		
		Yellow bass	0.29		
		Yellow bass	0.45		
		Yellow bass	0.45		
		Yellow bass	0.56		
	9-27-71	Carp	0.51		
		Carp	0.62		
		Carp	0.66		
		Carp	0.67		
		Carp	1.2		
		Golden redhorse	0.44		
		Golden redhorse	1.7		
		Largemouth bass	0.17		
		Largemouth bass	0.55	0.54	
		Largemouth bass	0.96		
		Largemouth bass	1.7	1.70	
		Redhorse	0.24		
		Redhorse	1.3		
		Shorthead redhorse	1.5		
		Smallmouth bass	0.15		
		Smallmouth bass	0.15		
		Smallmouth bass	0.60		
		Smallmouth bass	0.82		
		Smallmouth bass	1.2		
		Yellow bass	0.49		
	10-29-71	Carp	0.52		
		Carp	0.58		
		Carp	0.74		
		Carp	0.78		
		Carp	0.90		
		Drum	0.75		
		Drum	1.2		
		Drum	1.4		
		Largemouth bass	0.10		
		Largemouth bass	0.12		
		Largemouth bass	0.27	0.32	
		Largemouth bass	0.52		
		Largemouth bass	0.57		
		Largemouth bass	0.71	0.67	
		Largemouth bass	1.4		
		Redhorse	0.08		
		Redhorse	1.4		
		Smallmouth bass	0.29		
		Smallmouth bass	0.35		
		Smallmouth bass	0.42		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	11-23-71	Carp	0.52		
		Carp	0.73		
		Carp	0.75		
		Carp	0.76		
		Carp	0.76		
		Largemouth bass	0.18		
		Largemouth bass	0.18		
		Largemouth bass	0.19		
		Largemouth bass	0.24		
		Largemouth bass	0.27		
		Largemouth bass	0.39		
		Largemouth bass	0.40		
		Largemouth bass	0.67		
		Largemouth bass	0.69	0.83	
		Largemouth bass	0.79	1.07	
	11-30-71	Drum	0.12		
		Drum	0.34		
		Drum	0.44		
		Drum	0.52		
		Drum	0.76		
	12-16-71	Carp	0.37		
		Carp	0.52		
		Carp	0.65		
		Carp	0.68		
		Carp	0.72		
		Drum	0.41		
		Drum	0.52		
		Drum	0.85		
		Drum	0.85		
		Largemouth bass	0.10		
		Largemouth bass	0.17		
		Largemouth bass	0.17		
		Largemouth bass	0.34		
		Largemouth bass	0.45		
		Largemouth bass	0.46		
		Largemouth bass	0.50		
		Largemouth bass	0.53		
		Largemouth bass	0.56		
		Largemouth bass	0.60		
		Yellow bass	0.46		
	1-25-72	Carp	0.45		
		Carp	0.48		
		Carp	0.52		
		Carp	0.69		
		Carp	1.1		
		Drum	0.48		
		Drum	0.56		
		Drum	0.58		
		Drum	0.64		
		Drum	0.87		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	1-25-72	Largemouth bass	0.38		
		Largemouth bass	0.42		
		Largemouth bass	0.49		
		Largemouth bass	0.53		
		Largemouth bass	0.58		
		Largemouth bass	0.59	0.75	
		Largemouth bass	0.65	0.74	
		Largemouth bass	0.74		
		Largemouth bass	0.75		
		Largemouth bass	0.86		
	2-15-72	Carp	0.26		
		Carp	0.55		
		Carp	0.57		
		Carp	0.61		
		Carp	0.70		
		Channel catfish	0.47		
		Channel catfish	0.70		
		Channel catfish	0.86		
		Drum	0.27		
		Largemouth bass	0.25		
		Largemouth bass	0.47		
		Largemouth bass	0.47		
		Largemouth bass	0.65		
		Largemouth bass	0.70		
		Largemouth bass	0.73		
		Largemouth bass	0.82		
		White bass	0.15		
		White bass	1.0		
		White crappie	0.14		
		Yellow bass	0.49		
	3-15-72	Carp	0.35		
		Carp	0.47		
		Carp	0.69		
		Carp	0.91		
		Carp	0.95		
		Drum	0.91		
		Largemouth bass	0.24		
		Largemouth bass	0.29		
		Largemouth bass	0.44		
		Largemouth bass	0.46		
		Largemouth bass	0.52		
		Largemouth bass	0.54		
		Largemouth bass	0.58		
	3-22-72	Largemouth bass	0.36		
		Redhorse	0.64		
		Redhorse	0.66		
		White bass	0.34		
		White bass	0.94		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 240	4-13-72	Carp	0.24		
		Carp	0.72		
		Carp	0.88		
		Carp	1.1		
		Carp	1.2		
		Drum	0.78		
		Drum	1.4		
		Drum	2.0		
		Largemouth bass	0.24		
		Largemouth bass	0.30		
		Largemouth bass	0.58		
		Largemouth bass	0.71		
		Largemouth bass	1.1		
		Largemouth bass	2.1		
		Redhorse	0.54		
		Smallmouth bass	0.25		
		Smallmouth bass	0.29		
		Smallmouth bass	0.32		
		Yellow bass	0.92		
	5-19-72*	Carp	0.35		
		Carp	0.54		
		Carp	0.54		
		Carp	0.56		
		Carp	0.57		
		Largemouth bass	0.21		
		Largemouth bass	0.30		
		Largemouth bass	0.36		
		Largemouth bass	0.57		
		Largemouth bass	0.59		
		Largemouth bass	0.67		
		Largemouth bass	0.70		
		Largemouth bass	0.71		
		Largemouth bass	0.75		
		Largemouth bass	0.89		
TRM 224	6-11-70	Bluegill	<0.3		
		Carp	0.3		
		Carp	0.6		
		Channel catfish	0.6		
		Gizzard shad	0.1		
		Gizzard shad	<0.2		
		Largemouth bass	1.1		
		Largemouth bass	1.4		
	7-8-70	Channel catfish	0.09		
		Gizzard shad	0.19		
		Largemouth bass	0.06		
		Redear sunfish	<0.05		
		Sauger	0.07		
		Smallmouth buffalo	0.42		

*This set of samples actually collected at TRM 244.

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 224	7-29-70	Carp	<0.05		
		Largemouth bass	0.07		
		Shorthead redhorse	<0.05		
		Smallmouth bass	0.05		
		Spotted bass	<0.05		
TRM 210	7-9-70	Bluegill	0.06		
		Carp	0.07		
		Carp	0.07		
		Channel catfish	0.08		
		Channel catfish	0.08		
		Channel catfish	0.09		
		Channel catfish	0.10		
		Channel catfish	0.11		
		Channel catfish	0.12		
		Channel catfish	0.12		
		Gizzard shad	0.13		
		Gizzard shad	0.29		
		Largemouth bass	0.05		
		Largemouth bass	0.10		
		Smallmouth bass	0.08		
		Spotted sucker	0.05		
		Spotted sucker	0.13		
	7-28-70	Channel catfish	0.11		
		Largemouth bass	<0.05		
		Largemouth bass	0.05		
		Smallmouth bass	0.05		
		Spotted sucker	<0.05		
		Spotted sucker	<0.05		
	11-13-70	Bluegill	0.17		
		Bluegill	0.25		
		Bluegill	0.31		
		Bluegill	0.43		
		Bluegill	0.47	0.20	
		Carp	0.34		
		Carp	0.39		
		Carp	0.41		
		Carp	0.42		
		Carp	0.43		
		Carp	0.45		
		Carp	0.57		
		Carp	0.65		
		Carp	0.65		
		Carp	0.79		
		Carp	0.95		
		Channel catfish	0.15		
		Channel catfish	0.21		
		Channel catfish	0.27		
		Channel catfish	0.28		
		Channel catfish	0.30		
		Channel catfish	0.30		
		Channel catfish	0.31		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 210	11-13-70	Channel catfish	0.41		
		Channel catfish	0.41		
		Channel catfish	0.43		
		Channel catfish	0.46		
		Channel catfish	0.51		
		Channel catfish	0.56		
		Channel catfish	0.67		
		Channel catfish	0.74		
		Largemouth bass	0.31		
		Largemouth bass	0.39		
		Largemouth bass	0.42		
		Largemouth bass	0.72		
		Largemouth bass	0.77	0.96	
		Largemouth bass	0.88		
		Largemouth bass	1.4		
		Smallmouth bass	0.39		
		Smallmouth bass	0.54		
		Smallmouth bass	0.57	0.26	
		Yellow bass	0.76		
		Yellow bass	0.96		
	12-16-70	Bluegill	0.15		
		Bluegill	0.21		
		Bluegill	0.26		
		Bluegill	0.30		
		Bluegill	0.33		
		Bluegill	0.37		
		Bluegill	0.45		
		Carp	0.31		
		Carp	0.34		
		Carp	0.43		
		Carp	0.44		
		Carp	0.46		
		Carp	0.48		
		Carp	0.52		
		Carp	0.57		
		Carp	0.67		
		Channel catfish	0.28		
		Channel catfish	0.73	0.58	
		Drum	0.41		
		Drum	0.63		
		Drum	0.70		
		Largemouth bass	0.26	0.32	
		Largemouth bass	0.55	0.65	
		Spotted sucker	<0.05		
		Spotted sucker	0.17		
		Yellow bass	0.26		
		Yellow bass	0.52		
		Yellow bass	0.56		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 210	1-12-71	Carp	0.21		
		Carp	0.26		
		Carp	0.30		
		Carp	0.34		
		Carp	0.56		
		Carp	0.88		
		Carp	0.90		
		Drum	0.46		
		Largemouth bass	0.26		
	1-13-71	Carp	0.41		
		Channel catfish	0.29		
		Channel catfish	0.34		
		Channel catfish	0.42		
		Drum	0.41		
		Drum	0.50		
		Drum	0.54		
		Sauger	0.41		
		Sauger	0.87		
		Spotted sucker	0.10		
		Spotted sucker	0.17		
		Spotted sucker	0.24		
		Spotted sucker	0.25		
		Spotted sucker	0.30		
		Spotted sucker	0.42		
		Spotted sucker	0.45		
	2-11-71	Bigmouth buffalo	0.78		
		Carp	0.76		
		Carp	0.77		
		Carp	0.77		
		Carp	0.78		
		Carp	0.80		
		Carp	0.96		
		Largemouth bass	0.51		
		Largemouth bass	1.1		
		Longear sunfish	1.1		
		Longear sunfish	1.2		
		Yellow bass	1.2		
	2-18-71	Bluegill	0.38		
		Redhorse	0.33		
		White crappie	0.45		
		White crappie	0.66		
		Yellow bass	0.93		
		Yellow bass	1.2		
	2-19-71	Channel catfish	0.26		
		Channel catfish	0.36		
		Channel catfish	0.39		
		Channel catfish	0.40		
		Channel catfish	0.44		
		Channel catfish	0.49		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
Mile 210	2-19-71	Sauger	1.1		
		Sauger	1.2		
		Shorthead redhorse	0.19		
		Spotted bass	0.76		
		Spotted bass	1.1		
		Spotted sucker	0.22		
		Spotted sucker	0.61		
	3-11-71	Blue catfish			0.43
		Blue catfish			0.44
		Blue catfish	0.49		
		Blue catfish	0.50		
		Blue catfish	0.50		
		Carp			0.77
		Channel catfish	0.38	0.53	
		Channel catfish	0.40		
		Channel catfish	0.45	0.54	
		Channel catfish			0.47
		Channel catfish		0.41	0.64
		Channel catfish			0.67
		Channel catfish	0.70		
		Channel catfish			0.72
		Drum	0.78		
		Drum			0.81
		Drum	0.90		
		Drum	0.91		
		Drum	0.95		
		Drum			0.96
		Drum			1.00
		Largemouth bass		0.58	0.67
		Spotted bass			0.65
		Spotted bass			0.92
		Spotted bass	0.94		
		White crappie	0.40		
	4-19-71	Carp			0.42
		Carp	0.52		
		Carp			0.61
		Carp	0.64		
		Carp			0.69
		Drum	0.61		
		Drum	0.93		
		Drum	1.0		
		Drum			1.04
		Drum			1.34
		Largemouth bass	0.47		
		Largemouth bass	0.53	0.93	
		Largemouth bass	1.0		
		Largemouth bass	1.8	1.35	
		Largemouth bass		0.39	0.59
		Largemouth bass			0.41
		Largemouth bass			0.57
		Largemouth bass			0.71
		Largemouth bass		1.34	1.33
		Smallmouth bass	0.69		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 210	5-20-71	Carp	0.60		
		Carp	0.63		
		Carp			0.54
		Carp			0.62
		Carp			0.76
		Drum	0.76		
		Drum	1.5		
		Drum			0.38
		Drum			2.15
		Largemouth bass	0.60		
		Largemouth bass	0.74		
		Largemouth bass	0.76	1.22	
		Largemouth bass	0.82		
		Largemouth bass	1.1	0.47	
		Largemouth bass			0.87
		Largemouth bass		1.21	0.99
		Largemouth bass			1.33
		Largemouth bass			1.70
		Largemouth bass		2.59	1.88
	6-10-71	Carp	0.55		
		Carp	0.90		
		Carp			0.41
		Carp			0.66
		Carp			0.82
		Drum	0.76		
		Drum	0.94		
		Drum	1.1		
		Drum			0.40
		Drum			1.68
		Largemouth bass	0.62		
		Largemouth bass	0.67	0.85	
		Largemouth bass	0.67		
		Largemouth bass	1.7	2.33	
		Largemouth bass			0.57
		Largemouth bass			0.69
		Largemouth bass		0.89	0.74
		Largemouth bass			0.84
		Largemouth bass		2.28	1.43
		Smallmouth bass	1.4		
		Smallmouth bass			1.24
	7-22-71	Carp	0.24		
		Carp	0.46		
		Carp	0.54		
		Carp			0.61
		Carp			0.89
		Drum	0.68		
		Drum			0.71
		Largemouth bass	0.12		
		Largemouth bass			0.23
		Redhorse	0.14		
		Redhorse	0.63		
		Redhorse			0.29
		Redhorse			0.55
		Smallmouth bass	0.20		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 210	7-29-71	Largemouth bass	0.66	0.94	
		Largemouth bass	1.9	1.75	
		Largemouth bass		0.77	0.64
		Largemouth bass		1.73	1.47
		Smallmouth bass	0.21		
		Smallmouth bass			0.22
		Smallmouth bass			1.32
		Yellow bass			0.48
	8-17-71	Carp	0.39		
		Carp	0.44		
		Carp			0.44
		Carp			0.60
		Carp			0.67
		Drum	0.31		
		Drum	0.63		
		Drum	0.71		
		Drum			0.37
		Drum			0.89
		Largemouth bass	0.20	0.15	
		Smallmouth bass	0.27		
		Smallmouth bass		0.25	0.19
		Smallmouth bass		1.18	0.87
		Spotted bass	0.16		
		Spotted bass	0.22		
		Spotted bass			0.14
		Spotted bass			0.18
	9-29-71	Carp	0.51		
		Carp	0.52		
		Carp	0.69		
		Carp			0.54
		Carp			0.86
		Drum	0.44		
		Drum	0.89		
		Drum			0.68
		Drum			0.79
		Drum			0.86
		Largemouth bass	0.17		
		Largemouth bass	0.22	0.23	
		Largemouth bass	0.44	0.63	
		Largemouth bass			0.21
		Largemouth bass			0.28
		Largemouth bass		0.43	0.38
		Largemouth bass		1.54	1.23
		Smallmouth bass	0.53		
		Smallmouth bass			0.21
		Spotted bass	0.62		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 210	10-28-71	Carp	0.38		
		Carp	0.60		
		Carp			0.35
		Carp			0.79
		Carp			0.86
		Drum	0.56		
		Drum	0.59		
		Drum	1.3		
		Drum			1.35
		Drum			1.62
		Largemouth bass	0.24	0.27	
		Largemouth bass	0.35	0.40	
		Largemouth bass	0.41		
		Largemouth bass	0.46		
		Largemouth bass			0.13
		Largemouth bass			0.14
		Largemouth bass			0.18
		Largemouth bass		1.48	1.26
		Largemouth bass		1.88	1.67
		Smallmouth bass	0.21		
	11-29-71	Carp	0.40		
		Carp	0.68		
		Carp	0.82		
		Carp			0.67
		Carp			0.75
		Drum	0.30		
		Drum	0.46		
		Drum			0.36
		Drum			0.77
		Drum			1.84
		Largemouth bass	0.40		
		Largemouth bass	0.62	0.64	
		Largemouth bass	1.7	1.48	
		Largemouth bass			0.33
		Largemouth bass		0.62	0.51
		Largemouth bass		0.74	0.56
		Largemouth bass			0.61
		Smallmouth bass	0.34		
		White bass			0.06
		Yellow bass	0.78		
	12-17-71	Carp	0.46		
		Carp	0.47		
		Carp	0.59		
		Carp			0.46
		Carp			0.82
		Drum	0.66		
		Drum	0.69		
		Drum			0.34
		Drum			0.54
		Drum			0.71
		Largemouth bass	0.22		
		Largemouth bass	0.68		
		Largemouth bass	1.1		
		Largemouth bass			0.22
		Largemouth bass			0.40
		Largemouth bass			0.60
		Largemouth bass			1.20
		Smallmouth bass	0.25		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 210	1-20-72	Carp	0.43		
		Carp	0.69		
		Drum			
		Largemouth bass	0.19	0.31	
		Largemouth bass	0.21	0.23	
		Largemouth bass			
	1-24-72	Carp	0.45		
		Carp	0.74		
		Carp			
		Drum	0.84		
		Drum			
		Drum			
		Largemouth bass	0.50		
		Largemouth bass	0.58		
		Largemouth bass	0.91		
		Largemouth bass		1.76	
		Largemouth bass			
		Smallmouth bass			
		Smallmouth bass			
	2-17-72	Bluegill	0.34		
		Bluegill			
		Carp	0.13		
		Carp	0.45		
		Carp	0.45		
		Carp			
		Carp			
		Channel catfish			
		Drum			
		Largemouth bass	0.18		
		Largemouth bass	0.20		
		Largemouth bass	0.23		
		Largemouth bass	0.34		
		Largemouth bass	1.4		
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
	3-17-72	Carp	0.53		
		Carp	0.88		
		Carp			
		Carp			
		Carp			
		Drum	0.49		
		Drum			
		Largemouth bass	0.26		
		Largemouth bass	0.27		
		Largemouth bass	0.60		
		Largemouth bass	0.85		
		Largemouth bass	1.5		
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR			
TRM 210	4-13-72	Carp	0.40		
		Carp	0.46		
		Carp	0.48		
		Carp			0.40
		Carp			0.52
		Drum			0.73
		Largemouth bass	0.28		
		Largemouth bass	0.88		
		Largemouth bass	1.2		
		Largemouth bass	1.2		
		Largemouth bass	2.0		
		Largemouth bass			0.26
		Largemouth bass			0.34
		Largemouth bass			0.39
		Largemouth bass			0.61
		Yellow bass			0.49
	5-18-72	Carp	0.33		
		Carp	0.58		
		Carp	0.70		
		Carp			
		Carp			
		Largemouth bass	0.34		
		Largemouth bass	0.36		
		Largemouth bass			
		Largemouth bass			
		Smallmouth bass			
		PICKWICK RESERVOIR (BEAR CREEK ARM)			
Bear Creek Mile 9.5	4-21-72	White crappie	0.05		
		White crappie	0.10		
		White crappie	0.11		
		White crappie	0.12		
		White crappie	0.13		
Bear Creek Mile 8	1-28-71	Bluegill	0.14		
		Bluegill	0.19		
		Carp	0.16		
		Carp	0.20		
		Carp	0.21		
		Carp	0.24		
		Carp	0.30		
		Carp	0.30		
		Carp	0.30		
		Drum	0.20		
		Drum	0.35		
		Largemouth bass	0.13		
		Largemouth bass	0.17		
		Largemouth bass	0.18		
		Largemouth bass	0.20		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		PICKWICK RESERVOIR (BEAR CREEK ARM)			
Bear Creek Mile 8	1-28-71	Largemouth bass	0.22		
		Largemouth bass	0.24	0.26	
		Largemouth bass	0.26	0.23	
		Largemouth bass	0.37		
		Largemouth bass	0.37		
		Largemouth bass	0.43	0.56	
		Largemouth bass	0.74		
		Spotted sucker	0.09		
		Spotted sucker	0.11		
		White crappie	0.10		
		White crappie	0.12		
		White crappie	0.12		
		White crappie	0.18		
		Yellow bass	0.39		
		Yellow bass	0.54		
		PICKWICK RESERVOIR			
Yellow Creek Mile 5-6	1-29-71	Bluegill	0.10		
		Bluegill	0.15		
		Carp	0.11		
		Carp	0.17		
		Carp	0.17		
		Carp	0.18		
		Carp	0.22		
		Largemouth bass	0.07		
		Largemouth bass	0.11		
		Largemouth bass	0.13		
		Largemouth bass	0.16		
		Largemouth bass	0.19		
		Largemouth bass	0.19		
		Largemouth bass	0.19		
		Largemouth bass	0.21	1.58	
		Largemouth bass	0.21		
		Largemouth bass	0.22		
		Largemouth bass	0.26		
		Largemouth bass	0.29		
		Largemouth bass	0.30		
		Largemouth bass	0.52		
		Largemouth bass	0.57	0.70	
		Redear sunfish	0.11		
		Redear sunfish	0.12		
		Spotted sucker	0.05		
		Spotted sucker	0.06		
		Spotted sucker	0.14		
		Spotted sucker	0.17		
		Spotted sucker	0.21		
		Yellow bass	0.54		
		Yellow bass	0.96		

*Average of duplicate samples.

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		BEAR CREEK RESERVOIR			
Bear Creek Mile 77-81	7-21-70	Black crappie	<0.05		
		Black crappie	<0.05		
		Carp	<0.05		
		Carp	<0.05		
		Channel catfish	<0.05		
		Channel catfish	<0.05		
		Largemouth bass	<0.05		
		River carpsucker	<0.05		
		KENTUCKY RESERVOIR			
TRM 206.5	7-22-70	Bluegill	<0.05		
		Carp	<0.05		
		Channel catfish	<0.05		
		Channel catfish	<0.05		
		Gizzard shad	0.07		
		Gizzard shad	0.08		
		Largemouth bass	<0.05		
		Largemouth bass	0.22		
	11-17-70	Black crappie	0.55		
		Blue catfish	0.26		
		Blue catfish	0.43		
		Carp	0.26		
		Carp	0.26		
		Carp	0.44		
		Carp	0.51		
		Channel catfish	0.14		
		Channel catfish	0.15		
		Channel catfish	0.16	<0.04	
		Channel catfish	0.26		
		Channel catfish	0.29		
		Largemouth bass	0.70*	0.44	
		Largemouth bass	0.78*		
		Largemouth bass	0.88	0.53	
		Largemouth bass	0.95		
		Largemouth bass	0.98		
		Redhorse	0.27		
		Redhorse	0.29		
		Redhorse	0.42		
		Sauger	0.09		
		Sauger	0.09		
		Sauger	0.15		
		Sauger	0.21		
		Sauger	0.25		
		Sauger	0.28		
		Sauger	0.34		
		Sauger	0.37		
		Sauger	0.39		
		Sauger	0.43		
		Sauger	0.65		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 206.5	11-17-70	Smallmouth buffalo	0.19		
		Smallmouth buffalo	0.21		
		Smallmouth buffalo	0.44		
		Smallmouth buffalo	0.47		
		Smallmouth buffalo	0.50		
		Walleye	0.40		
		Walleye	0.66	0.36	
		Walleye	0.97		
		Walleye	1.2*	0.89	
		White bass	0.52		
		White bass	0.66		
		White bass	0.81		
		White bass	1.0*		
		White bass	1.0*		
		White crappie	0.34		
		Yellow bass	0.48		
		Yellow bass	0.67		
		Yellow bass	0.68		
	11-30-70	Sauger	0.27		
		Sauger	0.29		
		Sauger	0.29		
		Sauger	0.30		
		Sauger	0.30		
		Sauger	0.30		
		Sauger	0.31		
		Sauger	0.31		
		Sauger	0.33		
		Sauger	0.34	0.27	
		Sauger	0.35		
		Sauger	0.35		
		Sauger	0.35		
		Sauger	0.36		
		Sauger	0.36		
		Sauger	0.37		
		Sauger	0.39		
		Sauger	0.39	0.17	
		Sauger	0.41		
		Sauger	0.42		
		Sauger	0.42	0.29	
		Sauger	0.42		
		Sauger	0.43		
		Sauger	0.46		
		Sauger	0.47		
		Sauger	0.47		
		Sauger	0.54		
		Sauger	0.54		
		Sauger	0.56		
		Sauger	0.57		
		Sauger	0.58		
		Sauger	0.58		
		Sauger	0.60		
		Sauger	0.65		

*Average of duplicate samples.

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 206.5	11-30-70	Sauger	0.68		
		Sauger	0.71		
		Sauger	0.92		
		Walleye	1.1		
		White bass	0.47	0.58	
		White bass	0.51	0.66	
		White bass	0.97		
		White bass	1.2*	0.54	
TRM 205	7-22-70	Bluegill	0.29		
		Carp	<0.05		
		Carp	0.16		
		Channel catfish	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.09		
		Largemouth bass	<0.05		
		White crappie	<0.05		
TRM 203-204	7-9-70	Bluegill	<0.05		
		Carp	<0.05		
		Flathead catfish	0.06		
		Gizzard shad	0.06		
		Gizzard shad	0.16		
		Golden redhorse	<0.05		
		Golden redhorse	0.10		
		Largemouth bass	0.05		
		Largemouth bass	0.11		
		Redear sunfish	<0.05		
		Sauger	<0.05		
		Smallmouth bass	0.05		
		Smallmouth buffalo	<0.05		
		White bass	0.10		
TRM 157	12-2-70	Blue catfish	0.12	0.04	
		Blue catfish	0.15	0.23	
		Blue catfish	0.17	0.26	
		Blue catfish	0.21	0.33	
		Blue catfish	0.22	0.19	
		Blue catfish	0.24	0.20	
		Blue catfish	0.26	0.08	
		Blue catfish	0.26	0.16	
		Blue catfish	0.29	0.26	
		Blue catfish	0.29	0.31	
		Blue catfish	0.33	0.12	
		Blue catfish	0.56	0.26	
		Sauger	0.13	0.08	
		Sauger	0.15	0.27	
		Sauger	0.15	0.38	
		Sauger	0.18	0.38	
		Sauger	0.18	0.38	
		Sauger	0.21	0.40	
		Sauger	0.25	0.36	
		Sauger	0.25	0.39	

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 157	12-2-70	Sauger	0.28	0.23	
		Sauger	0.33	0.28	
		Sauger	0.33	0.28	
		Sauger	0.37	0.23	
		Sauger	0.43	0.33	
		Sauger	0.49	0.74	
		Sauger	0.53	0.35	
		Sauger	0.68	0.29	
		Spotted bass	0.65	0.68	
		Spotted bass	0.67	0.81	
		Spotted bass	0.84	0.81	
		Walleye	0.42	0.45	
	4-21-71	Carp	0.39		
		Carp	0.54		
		Carp			0.47
		Carp			0.66
		Carp			0.76
		Drum	0.79		
		Drum	1.5		
		Drum	2.1		
		Drum			1.05
		Drum			1.37
		Largemouth bass	0.52	0.57	
		Largemouth bass	0.74		
		Largemouth bass	0.86		
		Largemouth bass	1.1		
		Largemouth bass	1.9	2.11	
		Largemouth bass			0.60
		Largemouth bass			0.70
		Largemouth bass			0.99
		Largemouth bass		0.91	1.29
		Largemouth bass		1.28	1.31
	5-26-71	Carp	0.44		
		Carp	0.69		
		Carp			0.47
		Carp			0.48
		Carp			0.55
		Largemouth bass	0.47		
		Largemouth bass	0.69	1.45	
		Largemouth bass	0.75	1.55	
		Largemouth bass	0.97		
		Largemouth bass	1.1		
		Largemouth bass			0.36
		Largemouth bass		1.90	1.04
		Largemouth bass		0.24	1.07
		Largemouth bass			1.47
		Redhorse	0.57		
		Redhorse	0.62		
		Redhorse	0.99		
		Redhorse			0.85
		Redhorse			1.18
		Yellow bass			0.91

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 157	6-10-71	Blue catfish			0.36
		Bluegill	0.26		
		Bluegill	0.40		
		Bluegill	0.50		
		Bluegill			0.28
		Bluegill			0.41
		Bluegill			0.44
		Bluegill			0.51
		Bluegill			0.52
		Bluegill			0.53
		Channel catfish	0.30		
		Channel catfish	0.37		
		Channel catfish			0.36
		Channel catfish			0.39
		Channel catfish			0.44
		Channel catfish			0.60
		Channel catfish			0.70
		Channel catfish			0.72
		Smallmouth buffalo			1.32
	6-14-71	Smallmouth buffalo			0.23
		Smallmouth buffalo			0.38
		Smallmouth buffalo			0.92
		White crappie			0.64
		White crappie			0.67
		White crappie			0.74
	6-15-71	Carp	0.43		
		Carp			0.29
		Carp			0.52
		Drum	0.39		
		Drum	0.66		
		Drum	1.4		
		Drum			0.57
		Drum			1.25
		Largemouth bass	1.0	1.39	
		Largemouth bass	1.3	1.38	
		Largemouth bass			0.43
		Largemouth bass		1.24	1.09
		Largemouth bass		2.24	1.90
		Redhorse	1.3		
		Redhorse			0.49
		Sauger			0.44
		Spotted bass	0.64		
		Spotted bass			0.55
		White crappie	0.85		
	7-21-71	Carp	0.27		
		Carp	0.66		
		Carp			0.66
		Carp			1.00
		Carp			1.37
		Drum	0.40		
		Drum	1.2		
		Drum	2.5		
		Drum			1.12
		Drum			1.37

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 157	7-21-71	Largemouth bass	0.38		
		Largemouth bass	0.92		
		Largemouth bass	1.0	1.07	
		Largemouth bass	1.7	1.67	
		Largemouth bass		0.84	
		Largemouth bass		2.00	
		Largemouth bass			0.96
		Spotted bass	0.92		
		Spotted bass			0.85
		Spotted bass			0.92
	8-23-71	Carp	0.22		
		Carp	0.28		
		Carp			0.12
		Carp			0.23
		Carp			0.25
		Drum	0.34		
		Drum	0.41		
		Drum	0.44		
		Drum			0.12
		Drum			0.38
		Largemouth bass	0.29		
		Largemouth bass	0.57		
		Largemouth bass	0.85		
		Largemouth bass	0.90	0.84	
		Largemouth bass	0.92	1.27	
		Largemouth bass			0.39
		Largemouth bass			0.52
		Largemouth bass			0.79
		Largemouth bass		1.42	0.86
		Largemouth bass		1.24	1.29
	9-28-71	Carp	0.22		
		Carp	0.35		
		Carp			0.31
		Carp			0.33
		Carp			0.53
		Drum	0.50		
		Drum	0.51		
		Drum	0.65		
		Drum			0.23
		Drum			0.53
		Largemouth bass	0.27		
		Largemouth bass	0.49		
		Largemouth bass	0.82		
		Largemouth bass	0.83	1.20	
		Largemouth bass	1.3	0.67	
		Largemouth bass			0.50
		Largemouth bass			0.51
		Largemouth bass			0.63
		Largemouth bass		0.91	0.99
		Largemouth bass		1.18	1.21

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 157	10-27-71	Carp	0.20		
		Carp	0.39		
		Carp			0.29
		Carp			0.43
		Drum	0.41		
		Drum	0.47		
		Drum			0.30
		Drum			0.45
		Largemouth bass	0.23		
		Largemouth bass	0.34		
		Largemouth bass	0.51	0.52	
		Largemouth bass	0.75	1.00	
		Largemouth bass	0.84		
		Largemouth bass			0.59
		Largemouth bass			0.63
		Largemouth bass		0.81	0.73
		Largemouth bass			0.92
		Largemouth bass		1.02	1.03
		Redhorse			0.86
	11-24-71	Carp	0.16		
		Carp	0.59		
		Carp			
		Carp			
		Carp			
		Drum	0.52		
		Drum	0.54		
		Drum	0.85		
		Drum			
		Largemouth bass	0.36		
		Largemouth bass	0.48		
		Largemouth bass	0.62		
		Largemouth bass	0.63	0.94	
		Largemouth bass	0.99	1.22	
		Largemouth bass		0.72	0.53
		Largemouth bass			0.54
		Largemouth bass			0.92
		Largemouth bass			0.93
		Largemouth bass		1.15	1.39
		Redhorse			0.81
	12-20-71	Carp	0.33		
		Carp	0.35		
		Carp	0.39		
		Carp			
		Carp			
		Drum			0.87
		Largemouth bass	0.69		
		Largemouth bass	0.85		
		Largemouth bass	0.98		
		Largemouth bass			0.28
		Largemouth bass			0.78
		Largemouth bass			1.18
		White bass	0.13		
		White bass	0.15		
		White bass			0.09
		White bass			0.12

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 157	1-27-72	Carp	0.32		
		Carp	0.33		
		Carp	0.64		
		Carp			
		Carp			
		Chain pickerel	1.1		
		Drum			
		Largemouth bass	0.16		
		Largemouth bass	0.29	0.71	
		Largemouth bass	0.32		
		Largemouth bass	0.86	1.00	
		Largemouth bass		0.81	
		Largemouth bass		1.36	
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		White bass	0.11		
		White crappie	0.19		
		White crappie			
		White crappie			
	2-16-72	Carp	0.39		
		Carp	0.44		
		Carp			
		Carp			
		Carp			
		Drum	0.34		
		Drum	0.41		
		Drum	1.1		
		Drum			
		Drum			
		Largemouth bass	0.43		
		Largemouth bass	0.64		
		Largemouth bass	0.74		
		Largemouth bass	0.90		
		Largemouth bass	1.2		
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
	3-16-72	Carp	0.16		
		Carp	0.36		
		Carp			0.20
		Carp			0.20
		Carp			0.29
		Drum	0.34		
		Drum	0.51		
		Drum			0.69
		Drum			0.82
		Largemouth bass	0.27		
		Largemouth bass	0.29		
		Largemouth bass	0.32		
		Largemouth bass	0.46		
		Largemouth bass	0.72		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 157	3-16-72	Largemouth bass			0.15
		Largemouth bass			0.32
		Largemouth bass			0.38
		Largemouth bass			0.49
		Redhorse	0.41		
		Spotted bass			0.74
	4-12-72	Carp	0.18		
		Carp	0.43		
		Carp			0.46
		Carp			0.52
		Carp			0.72
		Drum	0.50		
		Drum	0.74		
		Drum			0.89
		Largemouth bass	0.39		
		Largemouth bass	0.47		
		Largemouth bass	0.55		
		Largemouth bass	1.2		
		Largemouth bass	1.2		
		Largemouth bass			0.25
		Largemouth bass			0.55
		Largemouth bass			0.59
		Largemouth bass			0.66
		Largemouth bass			0.98
	5-16-72	Carp	0.29		
		Carp	0.62		
		Carp			
		Carp			
		Carp			
		Redhorse	0.16		
		Redhorse	0.31		
		Redhorse	0.51		
		Redhorse			
		Redhorse			
		Spotted bass			
		Striped bass	0.36		
		White crappie	0.69		
		White crappie			
TRM 146	6-15-70	Bluegill	<0.05		
		Bluegill	<0.05		
		Carp	<0.05		
		Carp	0.07		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 105	12-1-70	Carp	0.12	0.24	
		Carp	0.25	0.28	
		Carp	0.32	0.32	
		Carp	0.36	0.46	
		Carp	0.42	0.44	
		Carp	0.43		
		Carp	0.45	0.46	
		Carp	0.45	0.64	
		Carp	0.46	0.50	
		Carp	0.47	0.46	
		Carp	0.47	0.48	
		Carp	0.50	0.47	
		Carp	0.54	0.53	
		Carp	0.56	0.56	
		Carp	0.56	0.76	
		Carp	0.67	0.42	
		Channel catfish	0.15	0.33	
		Channel catfish	0.18	0.15	
		Largemouth bass	0.31	0.58	
		Largemouth bass	0.59	0.65	
		Largemouth bass	0.66	0.44	
		Largemouth bass	0.70	0.67	
		Largemouth bass	0.73	0.90	
		Largemouth bass	0.74	0.59	
		Largemouth bass	0.76	0.82	
		Largemouth bass	0.78	0.82	
		Largemouth bass	0.95	1.33	
		Largemouth bass	0.96	0.88	
		Largemouth bass	1.1	1.00	
		Spotted sucker	0.14	0.22	
		Spotted sucker	0.33	0.35	
		Spotted sucker	0.41	0.48	
	2-17-71	Black crappie	0.23		
		Black crappie	0.37		
		Black crappie	0.51		
		Black crappie	0.60		
		Bluegill	0.16		
		Bluegill	0.46		
		Bluegill	0.49		
		Bluegill	0.56		
		Bluegill	0.74		
		Bluegill	1.2		
		Carp	0.40		
		Carp	0.51		
		Carp	0.57		
		Carp	0.85		
		Largemouth bass	0.24		
		Largemouth bass	0.62		
		Largemouth bass	0.72		
		Largemouth bass	0.79		
		Largemouth bass	0.96		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 105	2-17-71	Largemouth bass	1.0		
		Largemouth bass	1.0		
		Largemouth bass	1.0		
		Largemouth bass	1.1		
		Largemouth bass	1.3		
		Redear sunfish	0.52		
		Redear sunfish	0.59		
		Smallmouth buffalo	0.44		
		Smallmouth buffalo	0.70		
		Smallmouth buffalo	0.72		
		Spotted sucker	0.35		
		Spotted sucker	0.36		
		Spotted sucker	0.60		
		Spotted sucker	0.66		
		Spotted sucker	0.78		
		Spotted sucker	0.82		
		White crappie	0.31		
		White crappie	0.33		
		White crappie	0.38		
		White crappie	0.41		
		White crappie	0.53		
TRM 86	6-16-70	Bluegill	<0.05		
		Channel catfish	<0.05		
		Channel catfish	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Smallmouth buffalo	<0.05		
		Smallmouth buffalo	<0.05		
TRM 60	12-17-70	Carp	0.15		
		Carp	0.23		
		Carp	0.24		
		Carp	0.26		
		Carp	0.30		
		Carp	0.31		
		Carp	0.34		
		Carp	0.39		
		Carp	0.45		
		Drum	0.33		
		Drum	0.70		
		Drum	0.77		
		Drum	0.92		
		Largemouth bass	0.25		
		Largemouth bass	0.31		
		Largemouth bass	0.34		
		Largemouth bass	0.42		
		Largemouth bass	0.43		
		Largemouth bass	0.43		
		Largemouth bass	0.51	0.54	
		Largemouth bass	0.56		
		Largemouth bass	0.56		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 60	12-17-70	Largemouth bass	0.57	0.60	
		Largemouth bass	0.58		
		Largemouth bass	0.62	0.45	
		Largemouth bass	0.64		
		Largemouth bass	0.64		
		Largemouth bass	0.66		
		Largemouth bass	0.70		
		Largemouth bass	0.76	0.62	
		Spotted sucker	0.09		
		Spotted sucker	0.27		
		Spotted sucker	0.28		
		Spotted sucker	0.31		
		Spotted sucker	0.41		
		White crappie	0.24		
		White crappie	0.31		
	2-18-71	Bluegill	0.26		
		Bluegill	0.32		
		Bluegill	0.38		
		Bluegill	0.38		
		Bluegill	0.43		
		Carp	0.25		
		Carp	0.47		
		Carp	0.55		
		Carp	0.55		
		Carp	0.72		
		Channel catfish	0.27		
		Channel catfish	0.27		
		Channel catfish	0.35		
		Channel catfish	0.37		
		Channel catfish	0.38		
		Channel catfish	0.74		
		Drum	0.47		
		Drum	0.65		
		Largemouth bass	0.49		
		Largemouth bass	0.52		
		Largemouth bass	0.54		
		Largemouth bass	0.64		
		Largemouth bass	0.75		
		Skipjack herring	0.12		
		Skipjack herring	0.64		
		Spotted sucker	0.25		
		Spotted sucker	0.29		
		Spotted sucker	0.35		
		Spotted sucker	0.37		
		Spotted sucker	0.71		
		White crappie	0.17		
		White crappie	0.38		
		White crappie	0.40		

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 60	4-22-71	Carp	0.63		
		Carp	0.66		
		Carp			0.56
		Carp			0.46
		Carp			0.69
		Drum	0.42		
		Drum	0.44		
		Drum	0.58		
		Drum			0.32
		Drum			0.67
		Largemouth bass	0.45		
		Largemouth bass	0.48		
		Largemouth bass	0.64	0.60	
		Largemouth bass	0.83	0.71	
		Largemouth bass		0.58	0.63
		Largemouth bass		1.00	0.79
		Largemouth bass			0.62
		Largemouth bass			0.62
		Spotted bass	0.79		
		Spotted bass			0.77
	5-26-71	Carp	0.11		
		Carp	0.40		
		Carp			0.38
		Carp			0.52
		Carp			0.87
		Drum	0.28		
		Drum	0.31		
		Drum	0.92		
		Drum			0.27
		Drum			0.44
		Largemouth bass	0.44	0.83	
		Largemouth bass	0.55	1.45	
		Largemouth bass	0.80		
		Largemouth bass	0.91		
		Largemouth bass		1.00	0.43
		Largemouth bass		1.76	0.72
		Largemouth bass			0.91
		Largemouth bass			0.97
		Yellow bass	0.63		
		Yellow bass			0.43
	6-10-71	Blue catfish			0.34
		Blue catfish			0.36
		Blue catfish			0.61
		Blue catfish			0.65
		Bluegill	0.10		
		Bluegill	0.12		
		Bluegill			0.12
		Bluegill			0.14
		Bluegill			0.24
		Bluegill			0.29
		Bluegill			0.32
		Bluegill			0.48

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 60	6-10-71	Channel catfish	0.31		
		Channel catfish	0.39		
		Channel catfish	0.40		
		Smallmouth buffalo	0.12		
		Smallmouth buffalo	0.13		
		Smallmouth buffalo			0.18
		Smallmouth buffalo			0.22
		Smallmouth buffalo			0.24
		Smallmouth buffalo			0.26
		Smallmouth buffalo			0.37
		Smallmouth buffalo			0.37
	6-14-71	Catfish			0.42
		Catfish			0.51
		White bass			0.64
		White crappie			0.15
		White crappie			0.30
		White crappie			0.31
		White crappie			0.41
		White crappie			0.60
		White crappie			1.01
	6-15-71	Carp	0.24		
		Carp	0.56		
		Carp			0.23
		Carp			0.36
		Carp			0.38
		Drum	0.43		
		Drum	0.53		
		Drum	0.54		
		Drum			0.23
		Drum			0.57
		Largemouth bass	0.36		
		Largemouth bass	0.45		
		Largemouth bass	0.59	0.72	
		Largemouth bass	1.2	1.27	
		Largemouth bass		0.70	0.39
		Largemouth bass		1.08	0.70
		Smallmouth bass			0.48
		Striped bass	0.56		
		Striped bass			0.68
		Striped bass			0.85
	7-22-71	Carp	0.14		
		Carp	0.18		
		Carp			0.13
		Carp			0.20
		Carp			0.30
		Drum	0.15		
		Drum	0.18		
		Drum	0.20		
		Drum			0.11
		Drum			0.26

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 60	7-22-71	Largemouth bass	0.40	0.39	
		Largemouth bass	0.47		
		Largemouth bass	1.9	2.09	
		Largemouth bass			0.44
		Largemouth bass		1.04	0.74
		Largemouth bass		1.10	0.94
		Spotted bass	0.16		
		Spotted bass	0.18		
		Spotted bass			0.14
		Spotted bass			0.51
	8-24-71	Carp	0.14		
		Carp	0.18		
		Carp			0.18
		Carp			0.18
		Carp			0.22
		Drum	0.08		
		Drum	0.12		
		Drum	0.31		
		Drum			0.23
		Drum			0.26
		Largemouth bass	0.15		
		Largemouth bass	0.36		
		Largemouth bass	0.40	0.46	
		Largemouth bass	0.54	0.60	
		Largemouth bass			0.14
		Largemouth bass			0.14
		Largemouth bass		0.48	0.62
		Largemouth bass		0.67	0.72
		Yellow bass	0.17		
		Yellow bass			0.03
	9-29-71	Carp	0.25		
		Carp	0.37		
		Carp			0.32
		Carp			0.35
		Carp			0.55
		Drum	0.13		
		Drum	0.33		
		Drum	0.38		
		Drum			0.32
		Drum			0.75
		Largemouth bass	0.15		
		Largemouth bass	0.29		
		Largemouth bass	0.39	0.42	
		Largemouth bass	0.54	0.74	
		Largemouth bass			0.19
		Largemouth bass			0.31
		Largemouth bass		0.40	0.31
		Largemouth bass		1.12	1.01
		Smallmouth bass	0.19		
		Smallmouth bass			0.14

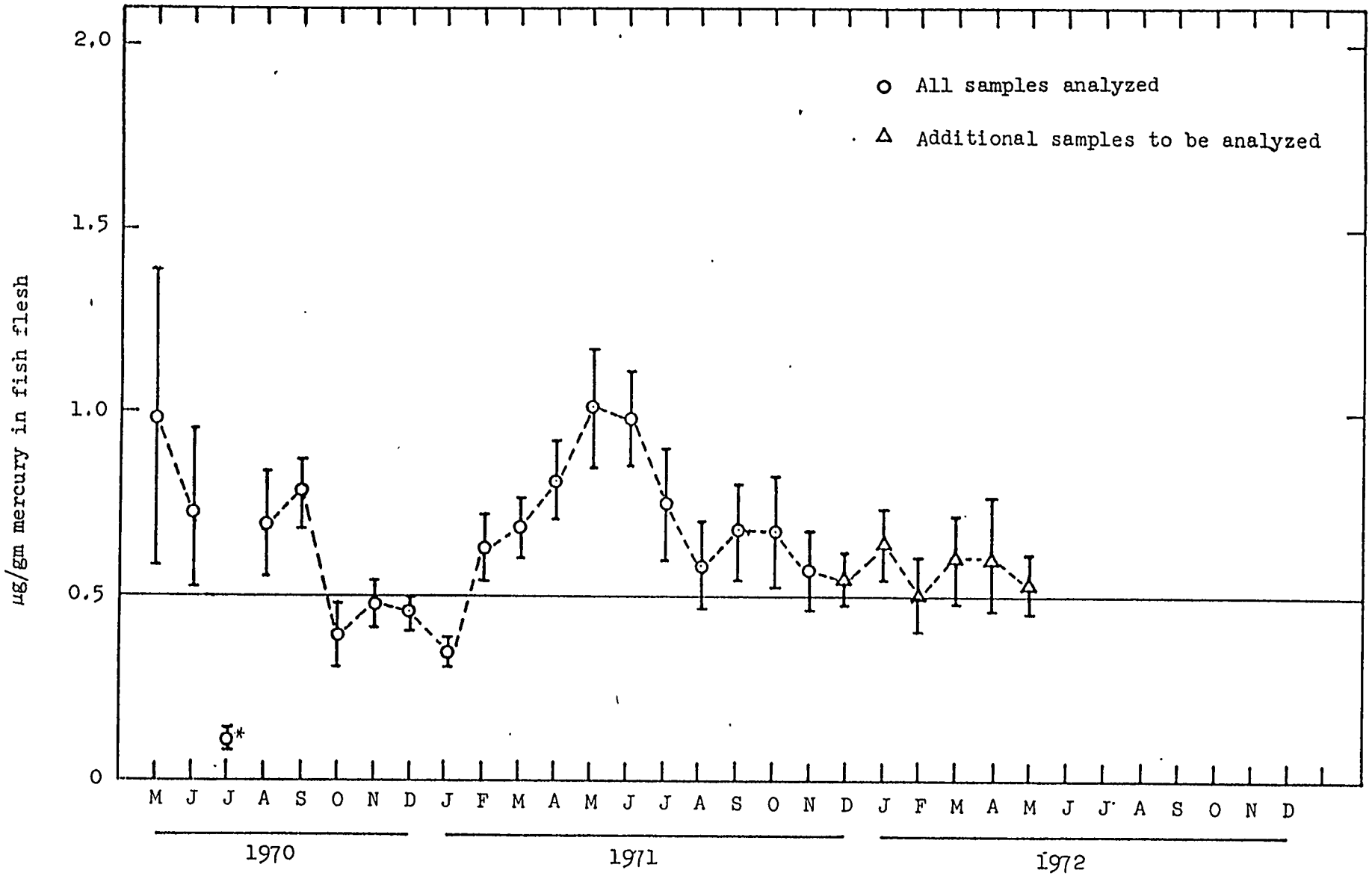
Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 60	10-28-71	Carp	0.32		
		Carp	0.39		
		Carp	0.44		
		Carp			0.41
		Carp			0.40
		Drum	1.6		
		Drum			0.58
		Drum			1.07
		Largemouth bass	0.10		
		Largemouth bass	0.12		
		Largemouth bass	0.61	0.71	
		Largemouth bass	0.64	0.62	
		Largemouth bass			0.14
		Largemouth bass			0.22
		Largemouth bass		1.12	0.40
		Largemouth bass			0.52
		Largemouth bass			0.55
		Largemouth bass		0.78	0.89
		Redhorse	0.06		
	11-24-71	Carp	0.28		
		Carp	0.49		
		Carp	0.70		
		Carp			0.41
		Carp			0.57
		Drum	0.31		
		Drum	1.1		
		Drum			0.51
		Drum			0.68
		Drum			0.73
		Largemouth bass	0.07		
		Largemouth bass	0.21		
		Largemouth bass	0.33	0.46	
		Largemouth bass	0.49		
		Largemouth bass	0.80	0.86	
		Largemouth bass			0.03
		Largemouth bass		0.21	0.19
		Largemouth bass			0.23
		Largemouth bass		0.55	0.61
		Largemouth bass			1.15
	12-21-71	Bass			
		Carp	0.26		
		Carp	0.38		
		Carp	0.38		
		Carp			
		Carp			
		Drum	0.33		
		Drum	0.63		
		Drum			
		Drum			
		Drum			

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 60	12-21-71	Largemouth bass	0.12		
		Largemouth bass	0.60		
		Largemouth bass	0.75		
		Largemouth bass			0.07
		Largemouth bass			0.13
		Largemouth bass			0.74
		Spotted bass	0.21		
		Spotted bass	0.30		
		Spotted bass			0.56
	1-19-72	Carp	0.24		
		Carp	0.40		
		Carp			
		Carp			
		Carp			
		Drum	0.40		
		Largemouth bass	0.19		
		Largemouth bass	0.24		
		Largemouth bass	0.51		
		Largemouth bass	0.71	1.08	
		Largemouth bass	1.1	1.50	
		Largemouth bass		1.06	
		Largemouth bass		0.98	
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
	2-17-72	Black crappie	0.07		
		Black crappie			
		Carp	0.30		
		Carp	0.47		
		Carp			
		Carp			
		Carp			
		Drum	0.34		
		Drum	0.41		
		Drum			
		Largemouth bass	0.11		
		Largemouth bass	0.13		
		Largemouth bass	0.14		
		Largemouth bass	0.15		
		Largemouth bass	0.41		
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 60	3-17-72	Carp	0.55		
		Carp	0.62		
		Carp			0.20
		Carp			0.36
		Carp			0.69
		Drum	0.44		
		Drum	0.55		
		Drum	0.59		
		Drum			0.41
		Drum			0.42
		Kentucky bass	0.24		
		Kentucky bass			0.25
		Largemouth bass	0.14		
		Largemouth bass	0.23		
		Largemouth bass			0.09
		Largemouth bass			0.10
		Largemouth bass			0.10
		Largemouth bass			0.14
		Largemouth bass			0.16
		Largemouth bass			0.19
	4-13-72	Carp	0.23		
		Carp	0.23		
		Carp	0.47		
		Carp			0.14
		Carp			0.19
		Carp			0.30
		Drum	0.30		
		Drum			0.38
		Drum			0.69
		Largemouth bass	0.05		
		Largemouth bass	0.59		
		Largemouth bass	0.89		
		Largemouth bass			0.10
		Largemouth bass			0.35
		Largemouth bass			0.76
		Largemouth bass			0.87
		Spotted bass	0.17		
		Spotted bass	0.75		
		Spotted bass			0.74
	5-17-72	Carp	0.35		
		Carp	0.64		
		Carp			
		Carp			
		Carp			
		Largemouth bass	0.30		
		Largemouth bass	0.47		
		Largemouth bass	0.52		
		Largemouth bass	0.76		
		Largemouth bass	0.77		
		Largemouth bass	1.2		
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			
		Largemouth bass			

Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		KENTUCKY RESERVOIR			
TRM 23	12-18-70	Bluegill	0.10		
		Bluegill	0.15		
		Bluegill	0.19		
		Bluegill	0.19		
		Bluegill	0.20		
		Carp	0.16		
		Carp	0.17		
		Carp	0.21		
		Carp	0.21		
		Carp	0.22		
		Carp	0.31		
		Carp	0.31		
		Carp	0.38		
		Carp	0.40		
		Drum	0.21		
		Drum	0.28		
		Largemouth bass	0.54	0.48	
		Largemouth bass	0.58	0.40	
		Spotted sucker	0.15		
		Spotted sucker	0.29		
		Spotted sucker	0.48		
		White crappie	0.15		
		White crappie	0.20		
		White crappie	0.20		
		White crappie	0.24		
		White crappie	0.34		
		White crappie	0.36		
		White crappie	0.56		
		Yellow bass	0.35	0.22	
		Yellow bass	0.36	0.59	
		BEECH RESERVOIR			
Beech River Mile 38-38.5	7-23-70	Channel catfish	<0.05		
		Channel catfish	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		
		Sucker	<0.05		
		Sucker	<0.05		
		BELOW KENTUCKY DAM			
TRM 19	7-21-70	Bigmouth buffalo	<0.05		
		Bullhead	0.06		
		Channel catfish	<0.05		
		Drum	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	0.13		
		White crappie	<0.05		
		White crappie	<0.05		

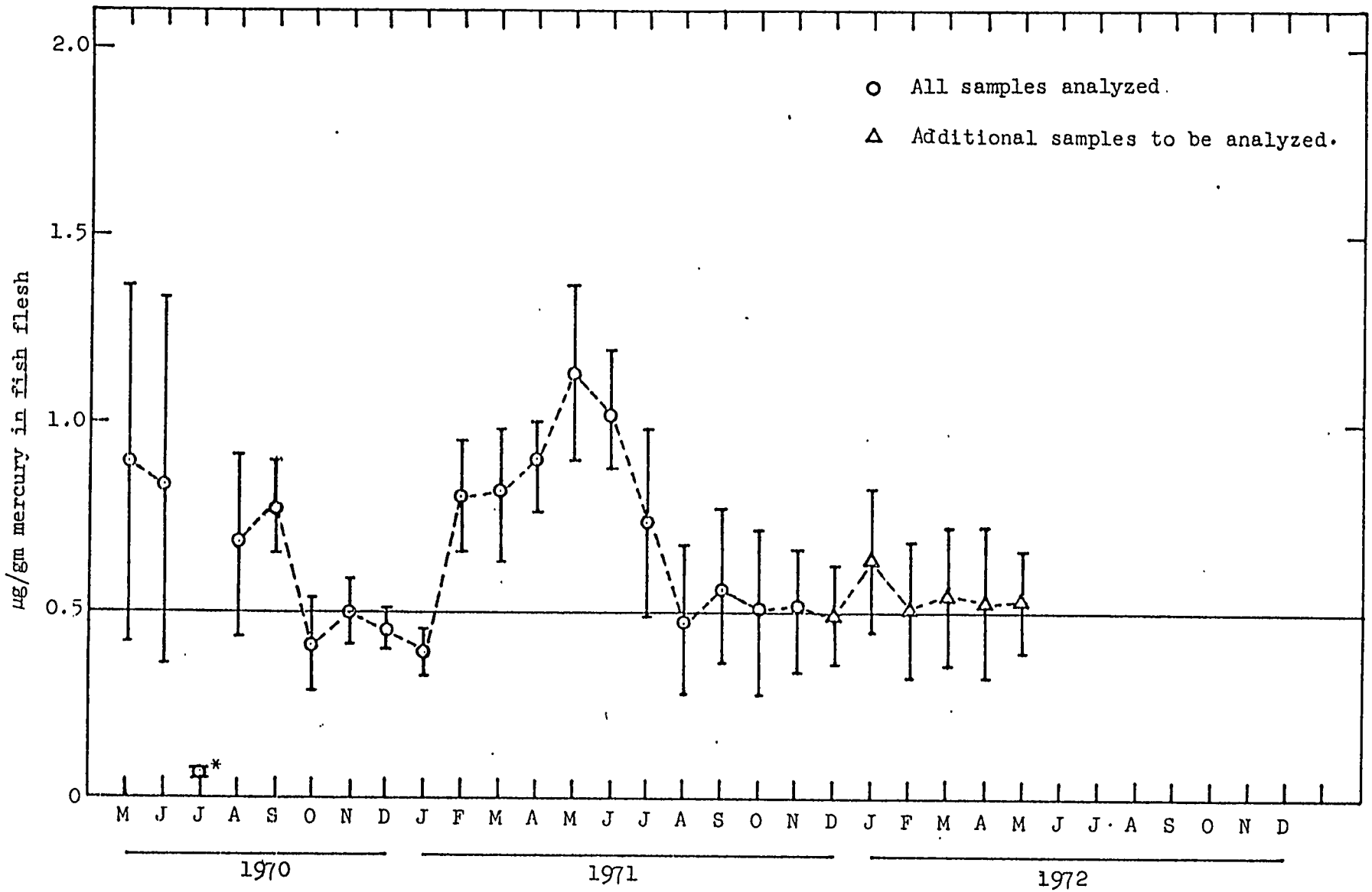
Location	Collection Date	Fish Species	Mercury in Flesh (ppm) TVA	EPA SEWL	TWQCB
		BELOW KENTUCKY DAM			
TRM 17	6-17-70	Blue catfish	0.07		
		Bluegill	<0.05		
		Channel catfish	0.10		
		Flathead catfish	0.12		
		Flathead catfish	0.30		
		Gizzard shad	<0.05		
		River carpsucker	0.19		
		River carpsucker	0.32		
TRM 16	9-25-70	Black crappie	0.22		
		Bluegill	0.13		
		Carp	<0.05		
		Carp	0.10		
		Carp	0.17		
		Carp	0.18		
		Carp	0.19		
		Carpsucker	0.22		
		Carpsucker	0.25		
		Carpsucker	0.30		
		Carpsucker	0.63		
		Channel catfish	0.15		
		Channel catfish	0.21		
		Channel catfish	0.22		
		Channel catfish	0.25		
		Channel catfish	0.29		
		Drum	<0.05		
		Drum	<0.05		
		Drum	0.05		
		Largemouth bass	0.16		
		Largemouth bass	0.41		
		Largemouth bass	0.86		
		longear sunfish	0.24		
		Skipjack herring	0.83		
TRM 12	7-20-70	Bluegill	<0.05		
		Carp	0.06		
		Carp	0.11		
		Channel catfish	<0.05		
		Drum	<0.05		
		Gizzard shad	<0.05		
		Gizzard shad	<0.05		
		Largemouth bass	<0.05		
		Largemouth bass	<0.05		



95 percent confidence interval chart for mercury in flesh of fish collected from Pickwick Reservoir.

*Questionable value

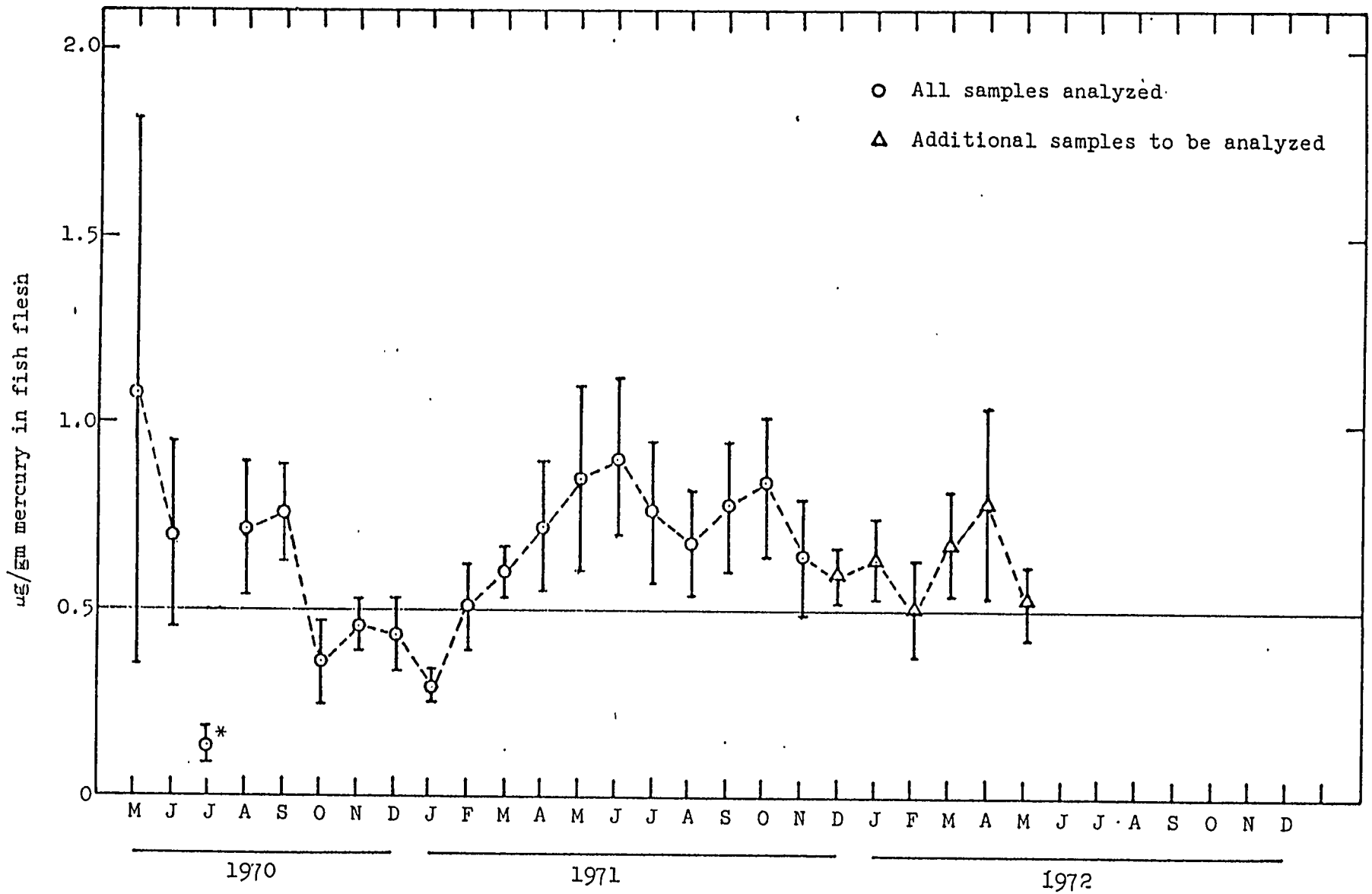
Figur



95 percent confidence interval chart for mercury in flesh of fish (sauger, largemouth bass, smallmouth bass, white bass, yellow bass, spotted bass, crappie, walleye, bluegill, redear sunfish, chain pickerel, and longear sunfish) collected from Pickwick Reservoir.

*Questionable value

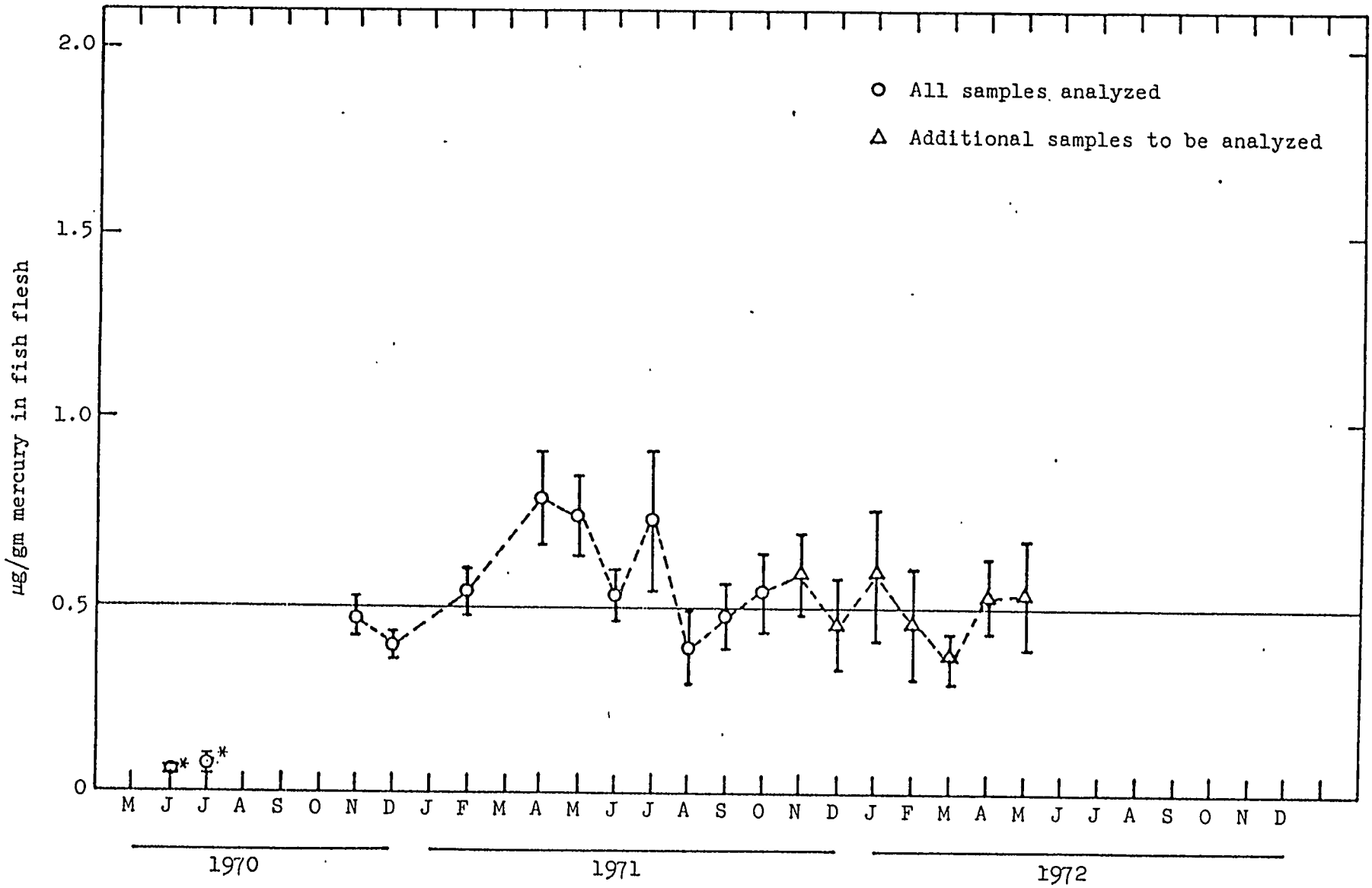
Figure



95 percent confidence interval chart for mercury in flesh of fish (smallmouth buffalo, redhorse, carp, spotted sucker, blue catfish, channel catfish, gizzard shad, hog sucker, mooneye, skipjack, drum, and herring) collected from Pickwick Reservoir.

*Questionable value

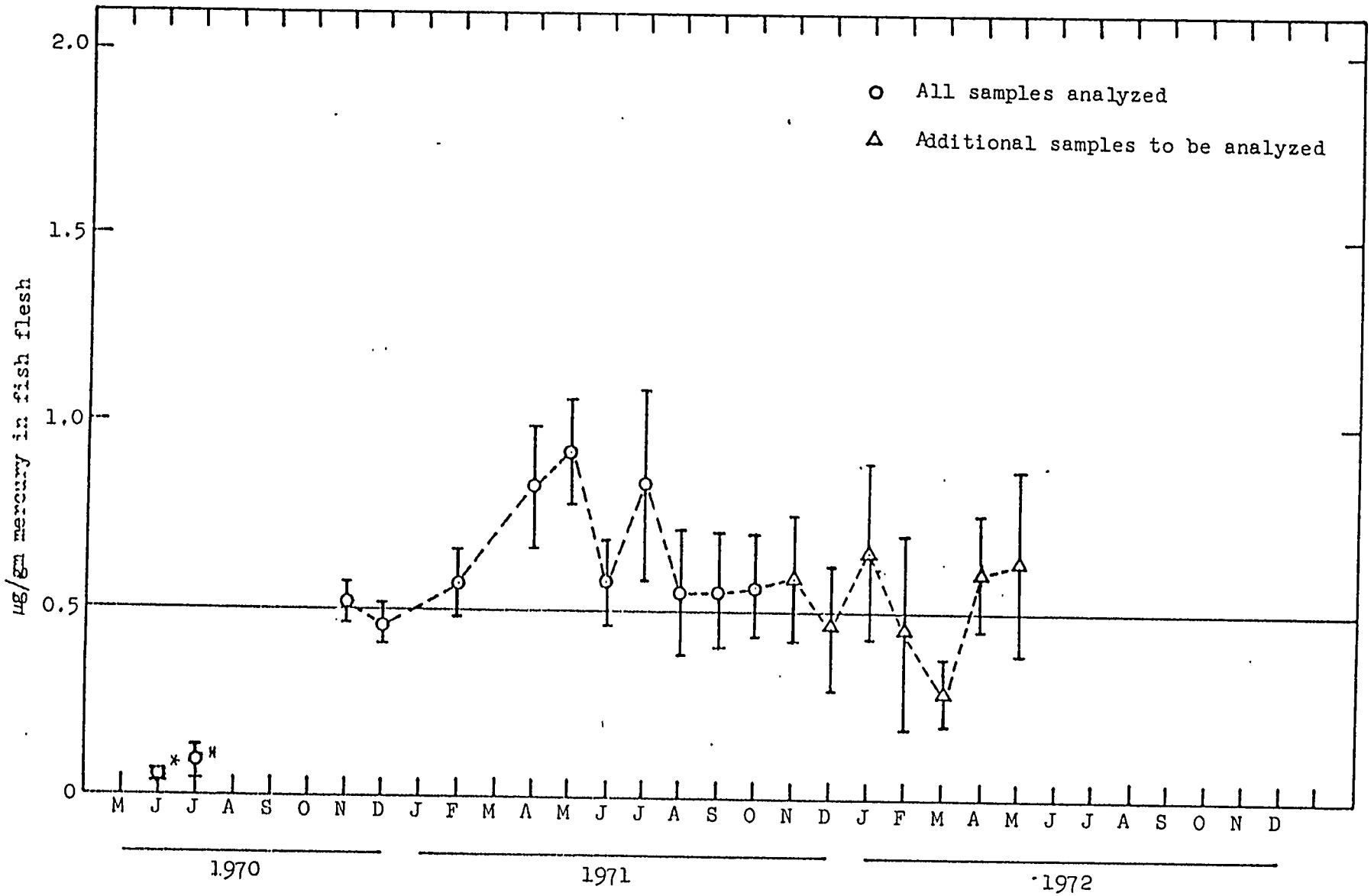
Figure



95 percent confidence interval chart for mercury in flesh of fish collected from Kentucky Reservoir.

*Questionable value

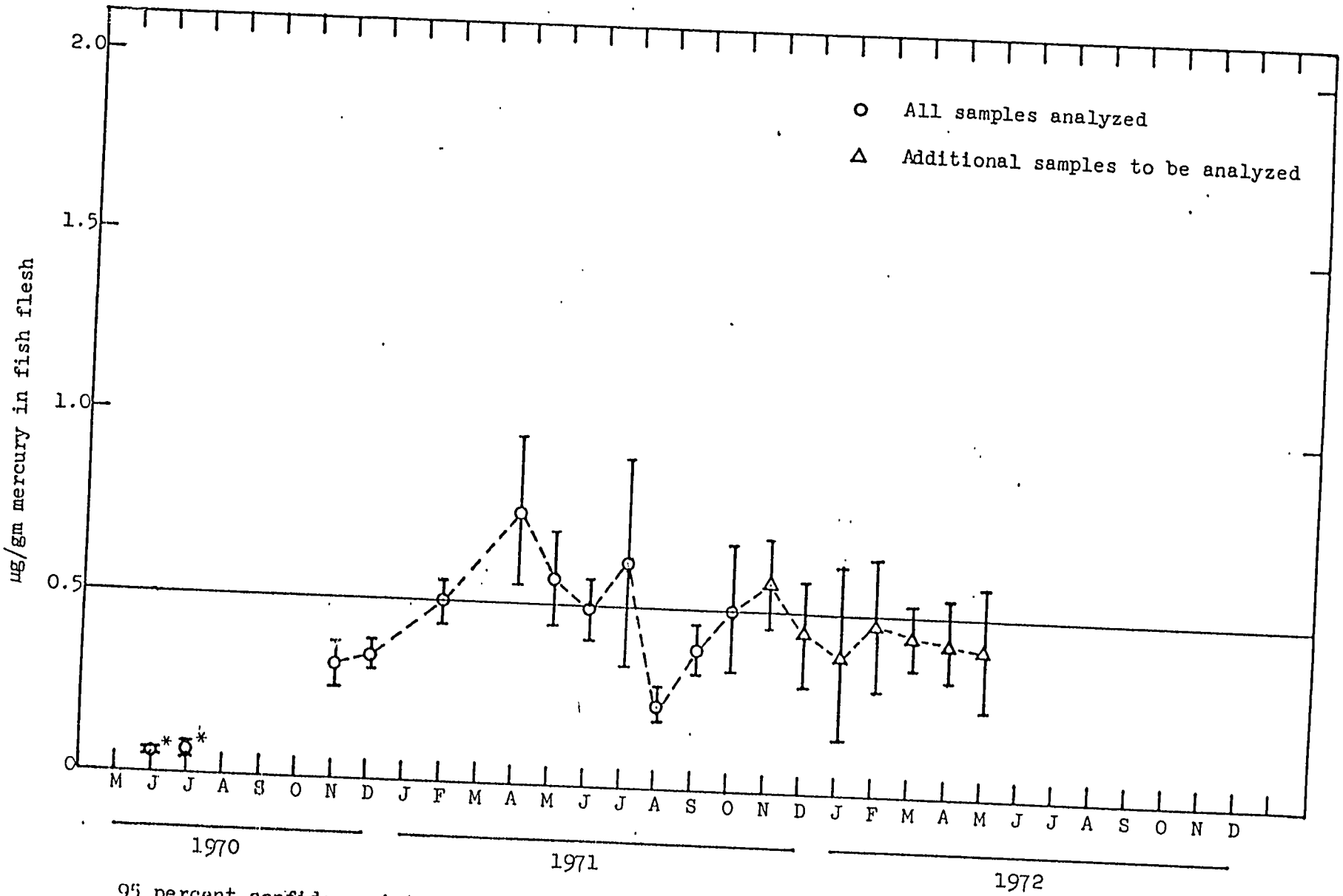
Figure 4



95 percent confidence interval chart for mercury in flesh of fish (sauger, largemouth bass, smallmouth bass, white bass, yellow bass, spotted bass, crappie, walleye, bluegill, redear sunfish, chain pickerel, and longear sunfish) collected from Kentucky Reservoir.

*Questionable value

Figure 5



95 percent confidence interval chart for mercury in flesh of fish (smallmouth buffalo, redhorse, carp, spotted sucker, blue catfish, channel catfish, gizzard shad, hog sucker, mooneye, drum, and skipjack herring) collected from Kentucky Reservoir.

*Questionable value

Figure 6