PCB Residue Analysis Sept., 1971

Results are PPM
Top number is WET WT; Bottom number is Lipid WT.

1.) Shoal Creek RCC 71-426

	No. Fish Used	Sample WT.	A-1242	A-1254	Total PCB
Hyporhelium etowanum	9	11.5	0.13	— ✓	0.13
			5.17		5.17
Campostoma anomalum	4	25.5	0.03	— ✓	0.03
			0.87		0.87
Notropis venustus	21	43.0	—	0.02 ✓	0.02
				0.47 ✓	0.47
Lepomis megalotis	3	33.0	—	0.01 ✓	0.01
				0.21 ✓	0.21
Micropterus punctulatus	1	1.5	0.68	— ✓	0.68
			5.13		5.13

2.) Choccolocco Creek at Highway 9 RCC 71-427

	No. Fish Used	Sample WT.	A-1242	A-1254	Total PCB
Hyporhelium etowanum	2	12.0	0.14	0.21 ✓	0.35
			2.83	4.17 ✓	7.00
Campostoma anomalum	2	2.5	0.76	0.90 ✓	1.66
			4.75	5.63 ✓	10.38
Notropis venustus	8	15.0	0.23	0.46 ✓	0.69
			3.45	6.83 ✓	10.28
Lepomis macrochirus	3	2.0	1.20	2.48 ✓	3.68
MONS 079444			12.00	24.75 ✓	36.75
Lepomis megalotis	5	35.5	0.10	0.09 ✓	0.19
			3.03	2.83 ✓	5.91 ✓

3.) Choccolocco Creek, Martha H. Williams Bridge RDS 5081

	No. Fish Used	Sample Wt	A-1242	A-1254	Total PCB
Notropis asmotus	6	31.5	67.46	53.90 ✓	121.36
			1,416.67	1,133.33 ✓	2,550.00
Micropterus salmoides	1	7.0	—	53.57 ✓	53.57
				625.00 ✓	625.00

4.) Choccolocco Creek, Fish Station 8, Highway 93 RDS 5080

	No. Fish Used	Sample Wt	A-1242	A-1254	Total PCB
Hypentelium etowanum	14	19.0	10.30	12.19 ✓	22.50
			195.83	241.67 ✓	437.50
Notropis asmotus	9	41.0	73.13	64.02 ✓	137.15
			1,666.67	1,458.33 ✓	3,125.00
Campostoma anomalum	11	38.0	55.10	32.07 ✓	87.17
			1,395.83	812.50 ✓	2,208.33
Lepomis megalotis	5	10.0	30.00	23.00 ✓	53.00
			500.00	383.33 ✓	883.33
Lepomis macrochirus	9	16.0	19.37	13.75 ✓	33.12
			387.50	275.00 ✓	662.50
Micropterus coosae	2	3.2	19.79	9.90 ✓	29.69
			211.11	105.56 ✓	316.67

MONS 079445

5.) Choccolocco Creek, Fish Station 10, Highway 77 Bridge RCC 71-428

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Lepomis macrochirus	18	14.0	9.29	12.32	21.61
			162.50	215.63	378.13
Lepomis megalotis	7	29.0	21.12	25.86	46.98
			340.28	416.67	756.95
Micropterus salmoides	4	12.0	2.92	3.13	6.05
			58.33	62.50	120.83

6) Cheaha Creek, Highway 93 RDS 5079

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Hypentelium etowanum	7	14.0	0.07	0.15	0.22
			1.06	2.33	3.39
Campostoma anomalum	1	23.3	0.08	0.10	0.18
			1.32	1.70	3.02
Lepomis macrochirus	1	46.0	—	4.19	4.19
				106.94	106.94
Lepomis megalotis	3	9.0	—	4.86	4.86
				113.33	113.33
Micropterus coosae (Total Fish wt 66.5)	1	30.0	0.04	0.14	0.18
			1.14	3.82	4.96

MONS 079446

7.) Cheaha Creek, County Highway 105, at McElderry RDS 5083

	No. Fish Used	Sample wt	A-1242	A-1254	Total PCB
Hypentelium etowanum (juveniles)	3	5.0	0.24 5.88	—	0.24 5.88
Hypentelium etowanum (adult)	1	Total Fish 9.35 Sample wt. 26.0	0.16 3.54	0.18 3.61	0.34 7.15
Campostoma anomalum (juveniles)	16	30.0	0.09 1.93	0.05 1.07	0.14 3.00
Notropis venustus (juveniles)	11	30.4	0.30 7.71	0.44 11.04	0.74 18.75
Lepomis megalotis (juveniles)	3	30.5	0.08 1.53	0.11 2.13	0.19 3.66
Micropterus coosae (adult - 160.6 grams)	1	38.0	—	0.72 16.18	0.72 16.18
Percina caprodes	2	27.8	0.08 1.31	0.07 1.13	0.15 2.44

MONS 079447

8.) Cane Creek RDS 5085

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Hypentelium etowanum (Total Fish 109.0 g.)	1	31.0	—	0.3% ✓ 5.25 ✓	0.3% 5.25
Campostoma anomalum	6	30.0	—	0.03 ✓ 0.63 ✓	0.03 0.63
Lepomis macrochirus	4	29.5	—	0.6% ✓ 19.00 ✓	0.6% 19.00
Lepomis megalotis	1	18.6	—	1.18 ✓ 27.50 ✓	1.18 27.50
Micropterus punctulatus	1	12.5	—	0.77 ✓ 16.0% ✓	0.77 16.0%
Micropterus salmoides	1	24.0	—	0.5% ✓ 15.63 ✓	0.5% 15.63

MONS 079448

9.) Aker Creek RDS 5086

	No. Fish Used	Sample WT.	A-1242	A-1254	Total PCB
Hypentelium etowanum	1	1.5	0.08 1.20	—	0.08 1.20
Notropis venustus	6	31.5	—	0.08 1.67	0.08 1.67
Campostoma anomalum	2	30.0	0.02 0.30	0.01 0.25	0.03 0.55
Lepomis macrochirus	1	34.0	0.01 0.20	0.05 0.89	0.06 1.09
Lepomis megalotis	3	26.0	0.02 0.48	0.03 0.73	0.05 1.21
Micropterus coosae	1	1.3	0.41 5.30	0.15 1.90	0.56 7.20
Percina caprodes	2	14.0	0.03 0.48	0.05 0.75	0.08 1.23

MONS 079449

10.) Stemley Bridge RCC 71-429

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Lepomis macrochirus	6	13.5	1.72	1.74 ✓	3.46
			29.06	29.38 ✓	58.44
Lepomis megalotis	3	25.0	1.65	2.15 ✓	3.80
			37.50	48.86 ✓	86.36
Micropterus punctulatus	7	18.0	0.86	1.07 ✓	1.93
			22.14	27.50 ✓	49.64
Micropterus salmoides	4	15.5	—	1.08 ✓	1.08
				33.50 ✓	33.50

11.) Clear Creek RCC 71-430

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Lepomis macrochirus	8	30.0	0.77	0.83 ✓	1.60
			17.69	19.23 ✓	36.92
Lepomis megalotis	4	28.0	0.86	0.29 ✓	1.15
			21.81	7.27 ✓	29.08
Micropterus punctulatus	7	30.0	0.30	0.41 ✓	0.71
			6.73	8.75 ✓	15.18
Micropterus salmoides	9	32.5	0.17	0.38 ✓	0.55
			3.44	7.81 ✓	11.25
Notropis venustus	13	32.0	0.53	0.52 ✓	1.05
			17.00	16.50 ✓	33.50
Percina caprodes	2	16.0	1.56	1.06 ✓	2.62
			4. ..	28.33 ✓	70.00

MONS 079450