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
Hyporhelius atromaculatus	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
Hyporhelius atromaculatus	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	21.0	1.20	2.48 ✓	3.68
			12.00	24.75 ✓	36.75
Lepomis megalotis	5	35.5	0.10	0.09 ✓	0.19
			3.03	2.83 ✓	5.91

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

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Notropis venustus	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.) Chocolocco Creek, Fish Station 8, Highway 93 RDS 5080

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Hypentelium etowanum	14	19.0	1030	12.19 ✓	22.50
			195.83	241.67 ✓	437.50
Notropis venustus	9	41.0	73.13	64.02 ✓	137.15
			1,666.67	1,458.33 ✓	3,125.00
Campostoma anomalum	11	36.0	65.10	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

5.) Choccolocco Creek, Fish Station 10, Highway 77 Bridge RCC 71-928

	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	7.0	—	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

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 935 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
Lepomus 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 087105

8.) Cane Creek RDS 5085

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Hypentelium stowanum (Total Fish 109.0g.)	1	31.0	—	0.34 ✓ 5.25 ✓	0.34 5.25
Campostoma anomalum	6	30.0	—	0.03 ✓ 0.63 ✓	0.03 0.63
Lepomis macrochirus	4	29.5	—	0.64 ✓ 19.00 ✓	0.64 19.00
Lepomis megalotis	1	18.6	—	1.18 ✓ 27.50 ✓	1.18 27.50
Micropterus punctulatus	1	12.5	—	0.77 ✓ 16.04 ✓	0.77 16.04
Micropterus salmoides	1	24.0	—	0.52 ✓ 15.63 ✓	0.52 15.63

9.) Aker Creek RDS 5086

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

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
			39.50	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
			6.43	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 087108