FROM: J. T. BELL - MONSANTO ANNISTON

TO: ~~Paul Haber~~
Mort Mullins

Attached is PCB residue data on Anniston Fish Collections in Sept 1971

Toby

MONS 060761

PCB Residue Analysis Sept., 1977

Results are PPM
Top number is wet wt; Bottom number is Lipid wt.

1.) Shoal Creek RCC 77-426

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Hypentelium 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

MONS 060762

2.) Choccolocco Creek at Highway 9 RCC 77-427

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Hypentelium 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	7.0	1.20	2.48	3.68
			12.00	24.25	36.25
Lepomis megalotis	5	35.5	0.10	0.09	0.19
			[illegible]	[illegible]	[illegible]

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

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Notropis semotus	6	31.5	67.76	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 B, 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 semotus	9	41.0	73.13	64.02	137.15
			1,666.67	1,458.33	3125.00
Competoma anomalum	11	38.0	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.) Chocolocco Creek, Fish Station 10, Highway 77 Bridge Rec 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 Ros 5079

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Hyptelium etowanum	7	14.0	0.07	0.15	0.22
			1.06	2.33	3.39
Campostoma anomalum	1	233	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 260	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 g-ms)	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

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	—	0.52 15.63	0.52 15.63

9.) Aker Creek ROS 5086

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Hyporhelium atromarium	1	1.5	0.08	—	0.08
			1.20		1.20
Notropis venustus	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
			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 NONS 060768

	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
			41.67	28.33	70.00