PCB Residue Analysis MARCH, 1972

Results are ppm.
Top number is wet wt.; bottom number is lipid wt.

1.) Shoal Creek RCC 72-474

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Hypentelium etowanicum	1	33.0	0.02	0.01	0.03
			0.39	0.24	0.63
Notropis trichroistius	16	13.0	0.05	0.05	0.10
			1.25	1.18	2.43
Notropis venustus	13	29.0	0.02	0.03	0.05
			0.63	0.89	1.52
Lepomis megalotis	6	25.5	0.02	0.02	0.04
			0.38	0.39	0.77
Cottus carolinae	1	1.5	0.72	0.17	0.89
			10.75	2.50	13.25
Percina nigrofasciata	1	1.0	0.35	—	0.35
			3.50		3.50

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2.) Choccolocco Creek at Hwy 9 RCC [illegible]

	No. Fish Used	Sample WT	A-1242	A-1254	Total PCB
Notropis venustus	9	15.0	0.52 15.50	1.60 48.00	2.12 63.50
Hypentelium etowanum	1	12.0	0.06 1.55	0.11 2.60	0.17 4.15
Lepomis macrochirus	3	22.0	0.02 0.70	0.01 0.36	0.03 1.06
Lepomis megalotis	4	17.5	0.06 1.67	0.09 2.67	0.15 4.34
Percina caprodes	1	22.0	0.04 0.88	0.04 0.83	0.08 1.71

3.) Choccolocco Creek at Martha H. Williams Bridge RDS 5186

	No. Fish Used	Sample WT.	A-1242	A-1254	Total PCB
Notemigonus crysoleucas	9	31.5	17.86 562.50	18.26 575.00	36.12 1,137.50
Notropis venustus	2	13.0	192.31 3,125.00	100.96 1,640.62	293.27 4,765.62
Carassius auratus	1 Total Fish WT. 412g	25.0	222.50 2,418.47	230.00 2,500.00	452.50 4,918.47
Lepomis cyanellus	2	24.0	39.06 937.50	35.59 854.17	74.65 1,791.67
Lepomis macrochirus	2	20.0	15.63 390.63	16.25 406.25	31.88 796.88
Pomoxis nigromaculatus	1	24.5	4.03 98.75	1.53 37.50	5.56 136.25

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4.) Choccolocco Creek at Hwy 93 DDC 5183

	No. Fish Used	Sample WT	A-1242	A-1254	Total PCB
Micropterus salmoides	1	12.0	18.06	25.69	43.75
			309.52	440.48	750.00
Crayfish	5	3.5	14.29	20.71	35.00
			333.33	483.34	816.67
Bullfrog	1	45.5	—	5.27	5.27
				1,200.00	1,200.00

5.) Choccolocco Creek at Hwy. 77 RCC 72-476

	No. Fish Used	Sample WT	A-1242	A-1254	Total PCB
Pimephales vigilax	3	10.3	9.71	16.50	26.21
			142.85	242.85	385.70
Notropus venustus	8	18.0	48.61	61.11	109.72
			1,458.33	1,833.33	3,291.66
Lepomis macrochirus	10	24.0	10.41	14.06	24.47
			416.67	729.17	1,145.84
Lepomis megalotis	2	20.0	1.13	44.38	45.51
			28.13	110.94	139.07
Lepomis microlophus	5	23.5	0.96	2.98	3.94
			32.14	100.00	132.14

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6) Cheaha Creek RDS 5185

	No. Fish. Used	sample wt.	A-1242	A-1254	Total PCB
Hypentelium etowanum	3	11.0	0.17 2.57	0.08 1.21	0.25 3.78
Campostoma anomalum	3	22.5	0.08 2.25	0.10 2.65	0.18 4.90
Lepomis cyanellus	2	23.5	20.47 479.10	21.26 555.56	41.73 1,034.66
Lepomis macrochirus	3	27.0	0.20 5.25	0.36 9.75	0.56 15.00
Lepomis megalotis	1	1.0	0.83 8.25	—	0.83 8.25
Pomoxis nigromaculatus	1	19.0	0.29 6.72	0.24 5.78	0.53 12.50
Cottus carolinae	6	23.0	0.01 0.31	0.01 0.30	0.02 0.61

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7) Cane Creek PDS -102-

	No. Fish Used	Sample WT.	A-1242	A-1254	Total PCB
Dorosoma cepedianum	1	34.5	0.01 0.14	0.01 0.18	0.02 0.32
Hypentelium etowanum	1	5.0	—	0.05 1.59	0.05 1.59
Notemigonus crysoleucas	1	1.0	—	—	—
Ictalurus punctatus	1 Total Fish WT. 56g	20.0	—	0.98 10.83	0.98 10.83
Lepomis macrochirus	1	2.2	—	—	—
Lepomis cyanellus	3	11.0	—	0.06 2.38	0.06 2.38
Lepomis megalotis	2	18.5	—	0.02 0.30	0.02 0.30
Micropterus salmoides	1	28.0	—	0.09 1.70	0.09 1.70
Pomoxis nigromaculatus	1	22.0	—	0.02 0.56	0.02 0.56

MONS 079440

8) Alex Creek PDS 5189

	No. Fish used	Sample wt.	A-1242	A-1254	Total PCB
Dorosoma cepedianum	1	33.0	—	0.68 11.25	0.68 11.25
Hypentelium etowanum	2	10.0	—	—	—
Notropis venustus	4	29.5	—	0.64 17.27	0.64 17.27
Campostoma anomalum	2	11.2	—	0.12 2.29	0.12 2.29
Lepomis cyanellus	3	19.0	—	0.03 0.83	0.03 0.83
Lepomis macrochirus	5	22.0	—	0.07 2.00	0.07 2.00
Lepomis megalotis	4	25.0	—	0.30 9.38	0.30 9.38
Micropterus coosae	1 Total Fish wt. 530g	22.5	—	0.20 3.00	0.20 3.00
Percina caprodes	2	17.5	—	0.23 4.00	0.23 4.00
Coltis carolinae	1	2.5	—	0.28 3.50	0.28 3.50

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9.) Cocsa River at Stanley Bridge RCC 77-477

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Dorosoma cepedianum	3	16.0	—	0.72 19.17	0.72 19.17
Lepomis macrochirus	6	10.0	—	0.90 22.50	0.90 22.50
Lepomis megalotis	3	23.5	—	2.00 58.75	2.00 58.75
Micropterus punctulatus	8	34.5	—	0.17 6.00	0.17 6.00
Lepomis cyanellus	13	30.0	—	0.41 20.41	0.41 20.41
Percina caprodes	1	3.5	0.13 1.50	0.21 2.42	0.34 3.92

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10) Clear Creek Rec 72-478

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Dorosoma cepedianum	6	23.0	–	0.40 12.56	0.40 12.56
Notemigonus crysoleucas	6	5.0	–	0.18 3.00	0.18 3.00
Lepomis macrochirus	16	20.0	–	0.03 0.87	0.03 0.87
Lepomis megalotis	3	23.0	–	0.08 2.38	0.08 2.38
Micropterus punctulatus	5	23.5	–	0.32 9.38	0.32 9.38
Notropis venustus	2	15C	–	2.22 56.67	2.22 56.67
Percina caprodes	3	13.5	–	0.10 2.80	0.10 2.80

MONS 079443