Monsanto

E. S. Tucker - Technology Department - S. Second Street

September 15, 1970

cc W. B. Papageorge - GO
E. P. Wheeler/J. T. Garrett - (
R. E. Keller - Res. 1
P. B. Hodges - GO

FISH SAMPLES FROM COOSA RIVER AND CHOCCOLOCCO CREEK (COLLECTED 8/9/70)

TO E. G. Wright
Anniston

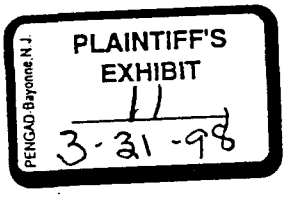
Sample Pallet No.	OR Log No.	Collection Location	Species and Number	ppm PCB's in Fillets on a Wet Weight Basis Aroclor 1248	Aroclor 1254
1	403 407	Broken Arrow Creek confluence with Coosa River (15 mi. upstream from Choccolocco confluence)	Catfish(1) Carp(1)	10.0 2.6	11.2 0.9
2	405 404	Railroad Bridge at Riverside (10 mi. upstream from Choccolocco)	Carp(2) Catfish(1)	8.4 33.6	6.1 31.5
3	406	Choccolocco Creek (1 mi. upstream Coosa River confluence)	Drum(1)	7.1	4.8
4	402	Coosa River (1 mi. below Choccolocco confluence)	Carp(1)	-	64.0

These fish were samples in the following manner: fillets were removed from both sides of each fish and passed through a meat grinder until a homogenous tissue mass was obtained. A 50g portion of the tissue homogenate was then extracted, worked up, and analyzed in accordance with Analytical Method 70-1. All calculations were made on the basis of total peak area in the chromatographic elution region of interest. DDE was observed in samples 403-407. The results reported were corrected for DDE by subtracting the area for this peak from the total area.

E. S. Tucker

db

DSM 013566



Monsanto

FROM (NAME & LOCATION): E. G. Wright - Anniston

DATE: August 20, 1970

SUBJECT: FISH SAMPLES FROM COOSA RIVER AND CHOCCOLOCCO CREEK (Collected 8/9/70)

REFERENCE:

CC: J. T. Bell
J. L. Corder
G. L. Jessee
P. B. Hodges
J. C. Landwehr
W. B. Papageorge

TO: Dr. E. S. Tucker - So. Second St.

Listed below are the locations and types of fish collected from the Coosa River, Choccolocco Creek Watershed on August 9, 1970. Some of the fish taken during this period are being kept in Anniston so that Don Turner can develop his technique for analyzing biological samples.

Sample Pallet No.	Location	Species	No.	PPM	
				52	54
1.	Broken Arrow Creek Confluence with Coosa River (15 miles upstream from Choccolocco confluence.)	Catfish	1	10.0	11.2
		Carp	1	2.6	0.9
2.	Rail Road Bridge at Riverside (10 miles upstream from Choccolocco.)	Capp	2	8.4	6.1
		Catfish	1	33.6	31.5
3.	Choccolocco Creek (1 mile upstream Coosa River confluence.)	Drum	1	7.	- 8
4.	Coosa River (1 mile below Choccolocco confluence.)	Carp	1	64	—

These fish were shipped by air freight on August 19, 1970 and should arrive in St. Louis on August 20, 1970 a.m.

I will be happy to answer any questions which you might have concerning these samples.

E. G. Wright

bym

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