Monsanto

FROM (NAME & LOCATION): Medical Department

DATE: August 17, 1970

SUBJECT:

REFERENCE:

cc: P. B. Hodges, PHODG
E. S. Tucker, Queeny

TO: J. C. Landwehr
Anniston Plant

I have enclosed a copy of the data given me by the State of Alabama water pollution authorities on the PCB analyses in Choccolocco Creek and the Martin-Logan Reservoir. These data are collected by the U. S. FDA and are the basis of FDA contact with the Alabama authorities. You will notice that this is the general trend that our own samples show in connection with PCB.

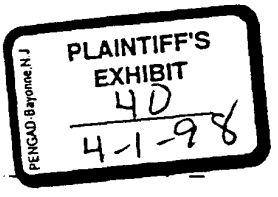
While I was in Alabama, J. L. Crockett, Jr., Chief Engineer of the Alabama Water Improvement Commission, recommended that when we sample fish for PCB analysis that we get samples above and below the Martin-Logan Reservoir. He further suggested that our control program should be written up and submitted to the state as a report covering our past efforts, present status and our future plans in connection with limiting PCB in the Snow Creek effluent. He also said that the state did require that we do daily analysis for PCB's in our effluent and submit weekly summaries to the Water Improvement Commission in Montgomery.

Crockett told me that if this PCB issue hits the Alabama press, the Alabama Water Improvement Commission would be forced to close Choccolocco Creek and the Martin-Logan Reservoir to commercial and sport fishing unless we can prove that the contamination level does not reach the reservoir. The State of Alabama has no choice but to follow the guide lines of the FDA which calls for no more than 5 ppm PCB in fish.

Jack T. Garrett

JTG:ju

Enclosure



DSW 014096

ALABAMA

INV SAMPLE NUMBER	DATE COLLECTED	TYPE OF FISH	RIVER / LAKE			SOURCE	MERCURY ppm	PESTICIDES	PCBs
003-7460 Sub#1	5-7-70	Catfish	Martin-Logan Lake/	Monsanto Chem/	Anniston	Commercial Fisherman	0.001	DDT 2.06, TDE 2.08, DDE 1.77, Dieldrin 0.00	11.0
" Sub#2	5-7-70	Catfish	Choccolocco Creek/	"	"	Mouth of Choccolocco Creek & Coosa River 18 miles downstream from treatment plant	0.11	DDT 1.47, TDE 1.89, DDE 1.52, Dieldrin 0.12	34.4
" Sub#2	5-7-70	Catfish	"	"	"	" " " "		DDT 3.06, TDE 4.83, DDE 2.50 (Sample of decomposed fish)	227
" Sub#3	5-7-70	Carp	Martin-Logan Lake/	"	"	Commercial Fisherman	0.001	DDE 1.53, TDE 1.26, Dieldrin 0.04	39.6
007-0210	6-18-70	Bass	Choccolocco Creek/	"	"	6 miles from plant and Oxford treatment plant	0.59		
007-0220	6-18-70	Bream	Choccolocco Creek/	"	"	" " " " "	0.39	DDT 0.47, TDE 0.35, DDE 1.06, Dieldrin 0.02	
007-0230	6-18-70	Carp	"	"	"	" " " " "	0.31	DDT 0.16, TDE 0.30, DDE 1.69, Dieldrin 0.02	36
007-0240	6-18-70	Bream	"	"	"	12 miles upstream in watershed project #2 (Talladega Forest)	0.31	DDT 0.36, TDE 0.03 DDE 0.09	30
007-0250	6-19-70	Bass	"	"	"	" " " " "	0.40		0.33
007-0260	6-19-70	Bream	"	"	"	Mouth of Choccolocco Creek 20 miles downstream from Oxford treatment plant	0.27	DDT 0.69, TDE 0.42, DDE 2.98, Dieldrin 0.02	60
007-0270	6-18-70	Bass	"	"	"	" " " " "	0.25	DDT 4.01, TDE 2.43, DDE 4.58, Dieldrin 0.04	
007-0280	6-18-70	Carp	"	"	"	" " " " "	0.4	DDT 1.52, TDE 1.83, DDE 11.8, Dieldrin 0.04	124
007-0290	6-18-70	Bream	Martin-Logan Lake/	"	"	Approx. 6 miles from mouth of Choccolocco Creek 26 miles from plant	0.1		98
007-0300	6-18-70	Bass	"	"	"	" " " " "	0.12		
007-0310	6-18-70	Carp	"	"	"	" " " " "	0.1		
007-0320	6-18-70	Bream	Coosa River /	"	"	Kelley's Creek below Coosa-Martin-Logan D 38-40 miles below plant	0.1		
007-0330	6-18-70	Bass	"	"	"	" " " " "	0.3		
007-0340	6-18-70	Buffalo	"	"	"	" " " " "	0.3		

DSW 014097

WATER_PCB-SD0000017263