MONSANTO COMPANY
Organic Chemicals Division
Applied Sciences Section
11/2/70

NOV

PCB
BTL
Tissue
Analyses

MEETING MINUTES

Environmental Aroclor Project;
PCB Analysis of Industrial Bio-Test
Laboratories Tissues

Monsanto General Offices
Medical Department
St. Louis, Missouri

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Copies to:

R. E. Keller
W. B. Papageorge
W. R. Richard
H. S. Tucker
→ E. P. Wheeler

The above attendees reviewed the status of all feeding studies currently being carried out by Industrial Bio-Test Laboratories and set priorities and target dates for completion of tissue residue analysis by the Analytical Group of the Applied Sciences section.

All tissues on hand as of 6/2/70 are listed in the following table.

I. Chicken Study

A. Eggs - pooled samples from control 1, 10, and 100 ppm exposure levels ~60 samples

1. Pre-batch collection
2. Hatch collection
3. Recovery - 1st week
4. Recovery - 2nd week
5. Recovery - 3rd week
6. Recovery - 4th week

B. Tissues - pooled M&F samples of fat, liver, kidney and muscle from control, 1, 10, and 100 ppm exposure levels ~80 samples.

1. Sacrifice at exposure termination
2. Sacrifice at end of recovery period

C. Chicks - pooled samples, whole - # samples?

1. Survivors
2. Mortalities

II. Rat Reproduction Study

A. Pups - whole - # samples?

1. Each group first litter, 1st generation

III. Chronic Rat Study

Pooled M&F samples of fat, liver, kidney, and muscle from control, 1, 10, and 100 ppm exposure levels ∿40 samples per sacrifice.

A. Sacrifices completed

1. 3 months
2. 6 months
3. 12 months

IV. Fish Exposures - 96 hr. - TL_m

A. Whole fish and water samples ∿194 samples

It was agreed that residue analysis of these tissues should proceed in the following order.

		∿ Number Man-Months	Tentative Target Date
III.	Chronic Rats	1.5-2.0	1/71
II.	Rat Reproduction	?	1/71
IV.	Fish	4.0-6.0	6/71
I.	Chicken Study	3.0-4.0	9/71
		8.5-12.0	

E. S. Tucker

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