July 29, 1968

Dr. Joseph C. Calandra
Industrial Bio-Test Laboratories, Inc.
1810 Frontage Road
Northbrook, Illinois 60062

Dear Joe:

I have enclosed two articles, one from the Swedish press and one from the British technical press covering the subject that I wish to talk to you about on Thursday.

Dr. Tucker and I will be arriving on American Airlines Flight 284 at 8:10 a.m.

Sincerely yours,

Elmer P. Wheeler
Manager, Environmental Health

EPW:cjs

EXHIBIT
WBP M-26

MON-MT-008598

LEXOLDMON000115
WATER_PCB-00035582

MONSANTO CHEMICAL COMPANY
ORGANIC CHEMICALS DIVISION - RESEARCH DEPARTMENT

№ 88924

SUBJECT

| JOB NO. | PREPARED BY (SIGNATURE) | DATE |
|---|---|---|
| Aroclors | E. S. Tucker | 8-12-68 |

Visited Chicago 8-1-68 to see people at Ind. Biotest labs about Aroclor problem. Requested outline for ①, metabolic and ② chronic feeding studies with several varieties of animals. In addition to Aroclor, pesticides which could possible account for the PCB found will be used in metabolic studies. The pesticides to be used will be selected on the basis of a lit. search conducted by Biotest. Asked if Biotest was set up to carry out pesticide and Aroclor analysis - they indicated they had done some work - with help they probably could provide this function.

Types of samples to be expected:
Animal; fat
liver
kidney
urine

Jack Garret indicated he would like to take a look at samples from Snow Creek this would involve det. of Aroclor in water and sediment.

Expected order of sample arrival - water sediment than animal tissues

Initial out line: Ok Swed's results
Snow Creek samples
{ General Dist.
{ metabolic studies

| READ AND UNDERSTOOD BY | DATE |
|---|---|
| | |

EXHIBIT
WBP M-26.1

MON-MT-008599

LEXOLDMON000116
WATER_PCB-00035583

MONSANTO CHEMICAL COMPANY
ORGANIC CHEMICALS DIVISION • RESEARCH DEPARTMENT

№ 88925

SUBJECT

| DO NO. | PREPARED BY (SIGNATURE) | DATE |
|---|---|---|
| Aroclor | C. S. Tucker | 8-12-69 |

Three glass columns 2mm x 180cm containing the following packings have been prepared:

① 6% QF1 on Gas Chrom W 80/100 mesh
② 4% SF96 " " " " "
③ 3% [SF96, QF1 (20/80 wt%)] on Gas Chrom W 80/100 mesh

The 6% QF1 col. has been placed in the F&M model and conditioned. A Ni-63 EC detector will be used for initial studies.

Since the water & sediment samples will be spiked with Aroclor 1242 & 5460, Stds in hexane were prepared, hexane being the solvent of choice for extraction of Aroclors from water and sediment.

Aroclor 1242
52.31482
52.41046
0.1038.6 g dissolved in 100 ml hexane volumetric

The following dilutions were made:

| | |
|---|---|
| 1/100 | 1038.6 ppm |
| 1/100 | 0.104 |
| 1/10 | 0.011 |
| 1/10 | 0.001 |

| READ AND UNDERSTOOD BY | DATE |
|---|---|
| | |

Form 66

MON-MT-008600

LEXOLDMON000117
WATER_PCB-00035584

MONSANTO CHEMICAL COMPANY
ORGANIC CHEMICALS DIVISION • RESEARCH DEPARTMENT

No 88926

SUBJECT

| JOB NO. | PREPARED BY (SIGNATURE) | DATE |
|---|---|---|
| Aroclor | E. S. Tucker | 8-12-68 |

Aroclor 5460 45.87118
45.76245
.10878 g dissolve in 100 ml hexane

The following dilutions were made

| | |
|---|---|
| 1/100 | 10.873 ppm |
| 1/100 | 0.109 |
| 1/10 | 0.011 |
| 1/10 | 0.001 |

In addition to the above stds. duplicate 19 samples of 1242 & 5460 were placed in 1 l bottles with 750 ml of tap water. These will be employed as synthetic samples.

A selected list of supplies & equipment which may be necessary for further work is being prepared. And some equipment is ordered.

READ AND UNDERSTOOD BY | DATE

MON-MT-008601

LEXOLDMON000118
WATER_PCB-00035585