Monsanto

FROM (NAME & LOCATION): R. E. Keller - St. Louis Organic Research - South Second Street

DATE: April 17, 1970

cc: J. Mason
H. S. Bergen
J. E. Springgate
R. E. Kelly
E. P. Wheeler
W. R. Richard
M. W. Farrar
E. S. Tucker

SUBJECT: ENVIRONMENTAL MATERIALS ANALYZED BY MONSANTO FOR PCB's

REFERENCE:

TO: W. B. Papageorge

PERSONAL AND CONFIDENTIAL

This note summarizes work we have done to date on the detection of PCB's in environmental materials. The attached table covers a total of 167 samples which have been analyzed.

PCB's typical of our Aroclor products have been found in -

- water and sediment from nine US rivers, one UK river and Lake Michigan,
- air (atmospheric, 0.05 mg PCB/cubic meter) at the Anniston plant,
- fish from Lake Michigan and three midwest rivers,
- human fat from a midwest biopsy specimen and
- milk from Maryland and Ohio dairy farms.

The water, sediment and air samples contain PCB's typical of Aroclor 1242, 1248, 1254 and/or 1260. The milk, human fat and fish samples contain PCB's most typical of Aroclor 1254.

REK

R. E. Keller

js