Monsanto

FROM (NAME & LOCATION): E. S. Tucker - R&D Laboratories - South Second Street

DATE: December 11, 1969

SUBJECT: AROCLOR - WILDLIFE

REFERENCE:

cc: P. B. Hodges - GO
M. W. Farrar - Res. 1
R. E. Keller - Res. 1
W. R. Richard - GO
E. P. Wheeler - GO

TO: Michael Pierle
TSD - W. G. Krummrich Plant

The analysis of all W.G.K. sediment samples so far received has been completed and the results are shown in the following table.

All sediments extracted contained heavier EC/GC active materials; however, the retention times and general peak shapes did not exactly match the EC fingerprints of either Aroclor 1254 or 1260. In two cases, OR Log Nos. 77 and 78, significant amounts of the heavier materials were present with respect to the Aroclor 1242 content. These heavier materials are most probably a mixture of Aroclor 1254 and 1260 whose isomer distribution has been altered.

W.G.K. Sediment Samples

OR Log No.	Sample Identification	Date Taken	Amount Found (Reported as Aroclor 1242)
77	Mississippi River Downstream	8-25-69	106 ppm
78	Mississippi River Monsanto Dock	8-25-69	825 ppm
79	Mississippi River Upstream	8-25-69	41.6 ppb
92	Mississippi River Upstream	10-10-69	1.10 ppb
93	Mississippi River Monsanto	10-10-69	4.60 ppm
94	Mississippi River Downstream	10-10-69	3.19 ppm

E. S. Tucker

db

Note: River samples level-off on 10/10/69 but still above ppb level.

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IN-10 REV 11-69