Monsanto

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

DATE: December 3, 1969

SUBJECT: AROCLOR - WILDLIFE, NCR
WATER SAMPLES

REFERENCE:

cc: M. W. Farrar - S. 2nd
R. E. Keller - S. 2nd
W. R. Richard - GO
E. P. Wheeler - GO

TO: C. Paton
J. T. Garrett

CONFIDENTIAL

Sample No.	ppm Aroclor 1242 Found
1	1063
2	485
3	96.4
4	27.7
5	9.5
6	20.0
7	6.1
8	1.8
9	6.6
10	1.7
11	2.6
12	2.6

The electron capture fingerprints of the extracts from each sample do not show any indication of biodegradation.

The decrease in concentration observed is probably the result of dilution and adsorption of the Aroclor in the original waste water as it moves from the NCR plant to the treatment facilities.

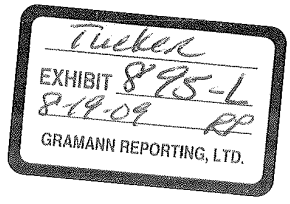
However, it is possible that the high level of "fresh" Aroclor present has completely masked any degradation that might have occurred to Aroclor previously discharged.

E. S. Tucker

db

Enclosure

MONS 096522



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