COMPANY CONFIDENTIAL F 32C

Monsanto

FROM (NAME & LOCATION) J. A. Lubkowitz - Pensacola — Textiles Division

DATE: October 13, 1969

SUBJECT: Analysis of Polychlorinated Biphenyls

REFERENCE:

TO: B. T. Dean

cc: D. W. Brubaker, R. L. Bruce, C. R. Campbell, J. N. Maloney, R. M. Warner, A. J. Zabiuski, C. E. Rannefeld

A series of plant effluent samples were analyzed for Archlor 1254; the data is presented in Table I. The results indicate no archlor above the plant outfall. The levels of our effluents are highly variable with the outfall ranging from 20 to 4 ppb. These are very low levels if they represent the total range. Samples within the plant pinpoint the source at Bldg 408 although the level on October 10 was only 11 ppb.

The large fluctuations observed in the skimmer and plant outfall and at the East ditch seem to indicate periodic releases of Archlor 1254 into the ditch. The same can be observed in the East ditch. Furthermore, the fact that the total East ditch contains no appreciably higher levels than that observed below Bldg 408 seems to eliminate the possibility of accumulation in the ditch.

We will continue to monitor the outfall and East ditch on a weekly basis for several weeks.

Table I

Polychlorinated Biphenyls Analysis

Sample:	Archlor 1254 in ppb 9/15	10/3	10/8	10/10
Above Monsanto, Escambia River, Station-W		none detected		
Below Monsanto		0.2		
Plant Outfall		17.3	1.6	
Skimmer	3.8	20.3		
East Ditch above 408				0.1
" " Below 408				11.7
Total East Ditch			45.0	11.9
Power House outfall			0.2	
West Ditch		unable to analyze trace		

Roger
Art will determine if Pydrol is still caumming from 408
Ron

J. A. Lubkowitz

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/bps

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