Monsanto

FROM (NAME & LOCATION): T. W. Hunter - T2B

DATE : October 18, 1976

SUBJECT : Federal EPA PCB Sampling (9/23/76)

REFERENCE : Memo to P.E. Heisler from C. F. Buckley (September 29, 1976)

TO : C. F. Buckley

cc: F. J. Basile, Jr. - 1740
E. R. Billen - 1740
H. Campbell - 1740
M. W. Dietrich - T2B
R. W. Flint - 1740
A. Gallion - 1740
R. L. Harness - 1740
E. Heumann - 1740
H. J. Horner - 1740
R. E. Keller - T1B
A. E. Leisy - 1740
J. P. Mieure - T2F
J. Munoz - 1740
R. S. Nelson - B2NA
P. S. Park - E2NE
M. A. Pierle - E1SF
W. E. Scruggs - F3EA
J. C. Weber - B2SK

As per your request, duplicates of the September 23, 1976 EPA grab samples of the Sauget waste treatment influent and effluent and the composite sample of the WGK effluent were analyzed for the following compounds: polychlorinated biphenyls (PCBs), hexachlorobenzene, hexachlorobutadiene, polychlorinated terphenyls (PCT), pentachlorophenol, and polychlorinated naphthalenes (PCN). The analyses were performed by gas chromatography/mass spectrometry. The results obtained are listed below.

COMPOUND	SAUGET INFLUENT	SAUGET EFFLUENT	WGK EFFLUENT	BLANK
total PCB	98 ppb	99 ppb	196 ppb	3 ppb
total PCN	←	<0.1 ppm(1)	→	
total PCT	←	<0.1 ppm(1)	→	
hexachlorobutadiene	←	<1 ppb(2)	→	
hexachlorobenzene	<1 ppb(2)	<1 ppb(2)	1.9 ppb	<1 ppb(2)
pentachlorophenol	2.7 ppm	4.7 ppm	14.1 ppm	<1 ppb(2)

(1) detection limit 0.1 ppm

(2) detection limit 1 ppb

MONS 029772

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Feds say they found 3 #s PCB

/omc