

Monsanto

FROM NAME & LOCATION

St. Louis Organic Research - E. S. Tucker

DATE

May 11, 1970

SUBJECT

PCB ANALYSIS EFFLUENT SAMPLES

REFERENCE

W. Papageorge - WPAPA
W. R. Richard - WRICH
L. R. Stark - LSTAR
N. T. Johnson - NJOHN
R. E. Keller - Res. 1
M. W. Dietrich - Res. 2

TO

D. R. Pogue
DPOGU

This memo confirms the analysis results given to you on 4/15/70, also included are the analytical results for the Timken Bearing effluent samples.

The samples numbered 203 and 204 contained a large unidentified electron capture (E.C.) peak in addition to the normal peaks seen for Aroclor 1242.

The E.C. chromatograms of samples 208, 209, 220, 221, and 222 were altered with respect to Aroclor 1242 in that one or two peaks were missing. In all other respects the chromatograms were equivalent to that of Aroclor 1242.

E. S. Tucker

att.

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<u>OR Log No.</u>	<u>Sample No.</u>	<u>Sample Description</u>	<u>Matrix</u>	<u>Estimated PCB Level</u>
198	5	Johnson Motors North Dis-charge		106 ppm
199	8	Johnson Motors South Dis-charge		33.1 ppm
200	8	"		16.0 ppm
201	6	Johnson Motors North Dis-charge		36.5 ppm
202	11	Wisconsin Steel Caster Bottom		0.372%
203	--	Wisconsin Steel Settling Basin Bottom		1.53 ppm
204	13	Wisconsin Steel Cooling Tower Top		0.630 pp
205	17	Wheeling Steel Scale		156 ppm
206	18	Wheeling Steel Scale Pit Top		0.102 pp
207	--	Lester Coating Stream Effluent		477 ppm
208	2	Central Diecasting #1 Pit Top		0.907 pp
209	1	Central Diecasting #2 Pit Bottom		466 ppm
220	--	Timken Bearing #3 Tube Mill		0.017 pp
221		Timken Bearing Pond Water		0.126 pp
222		Timken Bearing #4 Tube Mill		0.125 pp

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