Xerox to Ray Geisma

Arocl.

Monsanto

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

DATE July 10, 1970

SUBJECT PCB ANALYSIS OF SEWER WATER SAMPLES

REFERENCE

cc: M. W. Farrar - Res. 1
R. E. Keller - Res. 1
W. B. Papageorge - GO
W. R. Richard - GO
M. Pierle - WGK

TO : R. C. Neal
TSD - JFQ

The analysis of the two JFQ sewer water grab samples for PCB's have been completed. The results were as follows:

Sample Identification	OR Log Number	ppb PCB's
JFQ North Trunk Sewer Water (W Building)	312	>47 (as Aroclor 1242)
JFQ South Trunk Sewer Water (W Building)	313	147 (as Aroclor 1248)

The extract of the north sewer sample had a large early eluting GC peak which tailed into the region that the PCB's elute in, consequently, the amount reported is the maximum PCB level present in the sample. This interference was also responsible for the chromatogram resembling that of Aroclor 1242 rather than Aroclor 1248. No interference was present in the south sewer sample.

If you plan on sampling more extensively at JFQ, you might want to contact Mike Pierle (WGK) as we have been supporting a similar project there for some time now. I'm sure he can be of help to you.

E. S. Tucker

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