Monsanto

FROM (NAME & LOCATION) W. C. Engman, W. G. Krummrich Plant

DATE October 24, 1974

SUBJECT PCB SAMPLING

REFERENCE

TO : A. E. Leisy

cc C. F. Buckley
R. W. Flint
M. R. Foresman
A. Gallion
P. E. Heisler
G. A. Hippe
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W. B. Papageorge - B2SL
W. R. Richard - T3A
J. R. Savage - B2SL
E. E. Stewart

PCB losses at the Sauget Village outfall have been erratic since the first week of October. Reported losses have been from 2 to 360 lbs/day. No corresponding losses have occurred in the plant.

Probable cause for the erratic numbers is in the sampling. A slow speed sampler is being used in a non-turbulent area of the outflow sewer box. The sampler was relocated to this point at the same time the erratic results began. Samples have been unusually oily probably due to the sampler tube floating and picking up the oily surface scum. PCB would preferentially be in this oil layer.

The following is recommended:

1. Discontinue sampling at the Sauget Village outflow until Waste Treatment Plant construction is completed and our former sampling system is reinstituted.

2. Discard from our records all data at the SVO after 10/9/74.

3. Begin sampling plant outflow at the 30W and 24W sewers with isokinetic high speed samplers.

W. C. Engman
Technical Services Department

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