Monsanto

FROM (NAME & LOCATION): E. E. Stewart, Krummrich

DATE: January 17, 1972

SUBJECT: PCB ENVIRONMENTAL CONTROL SAMPLING

REFERENCE:

TO: Mr. A. E. Leisy

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We have reviewed the existing sampling system to control PCB losses within the plant and to provide historical data related to the effectiveness of the PCB control program.

At present: We obtain samples on a routine basis. (Thursday and Monday) at five locations

4-Z	Department Effluent
2-A	24" plant exit sewer
1-B	30" plant exit sewer
Influent	Waste Treatment Plant
Effluent	Waste Treatment Plant

Future: Per our discussions we will eliminate sampling 4-Z, 2-A and 1-B on a routine basis. We will limit our routine sampling to the Waste Treatment Plant Influent and Effluent.

The Waste Treatment Plant Influent best reflects the true losses from the plant. At this point we note trends and can evaluate effects of the control program.

The Waste Treatment Effluent indicates PCB losses to the river. Our goal at this point is 1 #/day. Measurements at this point would be of prime concern to any control agency because at this point the stream flows to the river.

All other samples are for control purposes and will be on a non-routine basis as we further perfect sampling techniques and want to better define sources requiring additional control.

We plan to continue to perfect the PCB sampling technique such that the results truly reflect the amount of PCB's present in the sampled stream.

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A PCB laboratory analysis costs about $50. Our program is designed to give us the required control data at minimum costs.

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