Monsanto

COMPANY CONFIDENTIAL

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

DATE : November 2, 1971

SUBJECT : STATUS - PCB POLLUTION CONTROL PROGRAM

REFERENCE :

TO : Mr. J. R. Savage
General Offices
B-2-N

cc Messrs.
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This is the November 1, 1971 status of the PCB pollution control program.

I. PCB LEVEL IN SEWERS

Aroclor sewer loss control data are attached. October losses are slightly lower than last month. Losses measured at the treatment plant continue to be higher than those measured leaving the plant facilities. Special sampling during the month would indicate true losses to lie somewhere between the two values. Additional sampling is in progress to better define the magnitude and source of PCB losses.

A. Aroclor Department - The average daily loss from the department measured 0.2 #/day. A slow, low velocity sampler pump is installed at this location and recent testing would indicate possible errors on the low side. An isokinetic sampler will be installed to verify past data from this location.

It was discovered that the underground sewer system and sewer boxes in the area are leaking very badly. Cross flow between the sewer system and the underground water is possible. This may contribute to erratic results when trying to find source of PCB into the sewer system. A major project is being prepared to replace the sewer system in the area.

B. Total Plant - Losses measured from the plant averaged 7 #/day. Compares with 6 last month. Again, slow, low velocity samplers are used. Additional sampling using an isokinetic sampler will be installed to check existing results.

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PAUL HODGES DEPOSITION
May 31 - June 1, 1994
EXHIBIT NO. 35

WATER_PCB-SD0000005661

C. Treatment Plant Effluent - October average at 15 #/day. During the month, a test was conducted using three different samplers and the collected samples were analyzed filtered and unfiltered. Test results would indicate that isokinetic sampling is more accurate than existing system, the existing results are possibly on the high side and 90% of the PCB's present in the sample can be removed by filtration. Conclusions to be verified at other sampling locations.

II. PROJECT STATUS

Estimate No.	
2095	"Aroclor Scrap Rework" - To permit rework of returned material. 98% complete. EDC extended to 12/1/71.
2422	"Paving and Curbing" - To contain losses in tank car and storage area in Dept. 246. Curbing and pads complete. Major sewer to be installed to North. EDC extended to 12/1/71.
2482	"Contaminant Collection at Rip Track" - To permit better control of T/C washings and drainings. 60% complete. Facilities at West wash spot complete. Construction in progress at East wash spot. EDC 12/1/71.
2675	"Air Pollution Control" - Provide nitrogen blanket on mix tanks. EDC - not scheduled yet.
3102	"Enlarge Aroclor Settling Basin" - To permit containment of possible losses in the operating department. EDC - Not scheduled yet.

42-0000
3438 " Modify sewer in Dept 246

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III. PROGRAM STATUS

Testing three types of samplers and comparing with grab samples to determine most accurate type sampler. Should complete study in November.

PCB Task Force formed with members of Production, Maintenance, TSD and the Environmental Group. Activities planned and results reviewed on weekly basis.

Positive departmental control actions being implemented as related to the off-gas system, the air blow operation and operation of the settling basin.

Edward E. Stewart
Technical Services Department

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Attachment

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