

Monsanto

**COMPANY
CONFIDENTIAL**

FROM (NAME & LOCATION): E. E. Stewart - WOK

DATE: June 3, 1971
SUBJECT: STATUS - PCB POLLUTION
CONTROL PROGRAM
REFERENCE:
TO: Mr. J. R. Savage - G.O.

cc: Messrs. G. L. Bratsch
P. E. Heisler
C. Buckley/M. Foresman
P. B. Hodges - G.O. ✓
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W. R. Richard - G.O.
W. C. Engman

This is the June 1, 1971 status of the pollution control program.

I. PCB Level in Sewers

Aroclor sewer loss control data are attached. Comments are relative to the period 4/18/71 through 5/27/71.

- A. Aroclor Department - A major loss of about 500 gallons occurred during the reworking of wet material that had been returned from a customer. Material boiled out of tank when heating. Rework procedures are being reviewed and enlargement of the department sump are actions being taken to prevent another incident. Exclusive of the major loss, the average daily loss from the department was 1#/day with a range of 0.03 to 1.6 #/day.
- B. Total Plant - Plant exit losses averaged 21#/day with a range of 11 to 61 #/day. The slug flow loss from the Aroclor department did not appear of the same magnitude at the plant exit sewer streams. Also the treatment plant influent stream is about 3-4 times greater than the plant exit. Samples from other Sauget Village industries reveal insignificant amounts of Aroclor.
- C. Treatment Plant Effluent - Average daily loss of 27 #/day with range of 8# to 75 #/day.

II. Project Status

Two Aroclor units in the plant remain to be changed to non-PCB type fluid. Dept. 239 unit scheduled for mechanical tie-in week of 6/15 to permit fluid change. Dept. 245 unit to change fluid week of 6/1.

The following are miscellaneous approved projects required to contain losses in the event they occur.

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Estimate No.

2095	"Aroclor Scrap Rework" EDC 7/1/71 To permit proper rework of returned material to Dept. 246.
2422	"Paving and Curbing" EDC 8/1/71 To contain losses in tank car and storage area in Dept. 246.
2482	"Contaminant Collection at Rip Track" EDC 9/1/71 - To permit recovery of T/C washings and drainings.
2675	"Air Pollution Control" EDC 10/1/71 Nitrogen blanket on mix tanks to eliminate atmospheric pollution at Dept. 246.
2811	"Pave under Therminol Unit" EDC 8/1/71 Contain material in Dept. 246.

III. Program Status

Very little PCB being found in off-gas system by sampling
or trapping. Confirms calculations. No additional equipment
required in off-gas system, but present traps should remain
an integral part of the system.


E. E. Stewart
Technical Services Dept.

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Att.

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