Monsanto

FROM (NAME & LOCATION) E. E. Stewart - WGK

DATE : August 2, 1971

SUBJECT : STATUS - PCB POLLUTION CONTROL PROGRAM

REFERENCE : Sub: JULY Manufacturing Report - PCB Contr

TO : Mr. J. R. Savage - G.O.

cc: Messrs.
G. L. Bratsch
P. E. Heisler
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WB Program
A. WGK Plant

This is the August 1, 1971 status of the PCB Pollution Control Program.

I. PCB Level in Sewers

Aroclor sewer loss control data are attached. Average monthly daily PCB losses from the plant and the treatment plant influent and effluent values are plotted to note trend as we approach our goal of 2#/day daily loss.

A. Aroclor Department - Excellent control within the the department in July. The average daily loss from the department was < 0.2#/day.

B. Total Plant - July daily losses through the 25th varied from 2 to 76#/day with a monthly average of 22#/day. This compares with an 18#/day average influent to the treatment plant. No known major losses occurred during the month.

C. Treatment Plant Effluent - July (thru 25th) average at 8#/day. Lowest monthly daily average experienced. In one four day period the PCB loss was down to 2#/day which is the Business Group's objective.

II. Project Status

All therminol units in the plant have been changed to non-PCB fluids.

Estimate No.

2095 "Aroclor Scrap Rework" - 90+% complete. EDC changed from 7/1/71 to 9/1/71. To permit proper rework of returned material to Dept. 246.

Estimate No.

P422	"Paving and Curbing" - EDC changed from 8/1/71 to 9/1/71. To contain losses in tank car and storage area in Dept. 246.
P482	"Contaminant Collection at Rip Track" - EDC 9/1/71. To permit recovery of T/C washings and draining.
P675	"Air Pollution Control" - Design package to be issued in August. Nitrogen blanket on mix tanks to eliminate atmospheric pollution in Dept. 246.
P811	"Pave Under Therminol Unit" - EDC changed from 8/1/71 to 9/1/71. Contain material in Dept. 246.
B102	"Enlarge Aroclor Settling Basin" - Design package issued in July.

III. Program Status

Continue to take routine sewer samples. Obtain additional samples as needed to check validity of results.

Edward E. Stewart
Technical Services Dept.

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Att.

PLANT - TOTAL
TREATMENT PLANT - INFLUENT
TREATMENT PLANT - EFFLUENT
PCB LOSSES (POUNDS PER DAY)
100
80
60
40
20
0
J F M A M J J A S O N D
MONS 099012

B. ANNISTON PLANT

~~Report from Anniston - Aroclor Wastes~~

Current level -- Aroclor losses during July 1971 averaged 2.14 lbs./day (240 ppb). Breakdown of numbers are:

Normal level (muriatic acid)	140 ppb	1.24 lbs./day
Ruptured ~~M/A~~ Tank	45	0.40
Excessive Rain	55	0.50
Total	240 ppb	2.14 lbs./day

The month of July had an unusual amount of intermittent rain which may have caused the normal level to go above 1.0 lbs./day. Since our flow measurement is one per day it would not pick up the occassional cloudburst.

Spills

with

Less than 10 gallons ~~when~~ Montar drawout line unplugged. No evidence of getting past the department sump pit.

V. R. Haupt