Feb. Aroclor - (10) Corlew 7/10 yr Jerry Protech EPA + return Bill C

Monsanto

FROM (NAME & LOCATION) R. M. McCutchan, Krummrich

DATE : July 3, 1970

SUBJECT : Status of Aroclor Pollution Control
Month of June

REFERENCE :

TO : Mr. W. B. Papageorge
General Offices

cc: C. Buckley
B. Corlew
W. Engman
P. Hodges-G.O.
F. McDonald-Newport
J. Savage-G.O.
H. Williams-Anniston
B. Young

Current PCB Levels

The estimated Aroclor losses from the production department remain at 65#/day. Sampling by the Pollution Control Group of the waste stream leaving the Sauget village treatment plant indicates a loss to the river of 45#/day. This is a concentration of about 200 - 250 pph. Sampling of the river indicates a definite increase in PCB's below the WGK discharge into the river. For a summary of all analytical data to date, see TSD report 91341:9000, #3, to be issued by 7/10/70.

During July sampling techniques will be refined, the sampling program revised, and analysis for PCB's begun in the WGK laboratory. For the comprehensive plans please refer to W. C. Engman's memo to you on 6/25/70.

In the future this monthly Aroclor pollution control report will be prepared by the Technical Services Department.

Losses to Sewer in June

Other than the routine Aroclor production losses estimated above, losses were as follows:

Dept. 275 - Est. 10 gallons; did not go to sewer.
Dept. 242 - Est. 10 gallons.
Dept. 251 - Est. 5 gallons.

PCB Project Work

A. Completed

1. Blow Tank Piping Alterations

Proj. No. 1493 - completed on 3/16/70
$5400 expense, -0- capital
Prevents major losses from continuous blow tank.

2. Off-Gas Piping Alterations

Proj. No. 1948 - completed on 5/14/70
$550 expense, $2100 capital
This project allows HCl sewered in Dept. 246 from the chlorinators to go through the off-gas condenser and demister.

B. In Progress

3. Absorber Rupture Disc Alterations

Proj. No. 1512 - EDC 7/10 (moved back from 7/1/70)
$1500 expense, $4500 capital
Will prevent losses from four rupture disc discharge lines.

4. Install Aroclor Settling Basin

Proj. No. 1795 - EDC 8/1/70 (moved up from 9/1/70)
$7000 expense, $7000 capital
Will trap Aroclors in production department sewers.

5. Blow Tank Demister

Proj. No. 2031 - Estimate issued on 6/10, design work in progress.
Installation EDC 10/1/70
This project will remove 250#/day of Aroclor currently being drained from the blow tank HCl header, and will also remove an estimated 50 - 60#/day currently being sewered at the drowning jet.

R. M. McCutchan

md