BD Reports

5/68 N_2 blanketing of new storage tanks

69 MIP prepared.

Feb 69 Sample sent to research for Aroclor analysis (WASTE CONTROL)

Aug 69 Initial plans for Aroclor control were submitted to the Business Group

Oct 69 Progress Report issued on Aroclor Control. Accurate assessment of losses not made because of the complicated sampling and analytical techniques involved

Nov 69 Analyses of waste samples suggest loss of 700 #/day Aroclor concentrated in other insoluble organic materials which separate from work stream. Propose sump to catch leaks in mfg area.

Dec 69 Estimate to reduce losses held pending investigation of a new method

Aroclor sampling extended to identify individual losses from different areas of manufacturing dept.

69 Report on analysis of Mississippi sediment. Plan to define all losses from mfg dept.

70 Estimate & design pkg submitted for reducing Aroclor losses to the sewer Dept 246

Data from village indicated a drop from 700 to 230 #/day. Estimate 1512 (6000) eliminate Aroclor losses from the [illegible] issued for approval

MONS 041344

Feb 70 MIP issued

Work behind schedule to eliminate losses from blow tank

March 70 Justification written of needed instrumentation for aroclor analysis
Estimate submitted for sump project to reduce aroclor pollution of the sewers

April 70 - Complete evaluation to recover scrap aroclor from customers
$55,000 estimate (1.3¢–2.3¢ cost @ 1m #/yr rate)
Ordered required instrumentation for aroclor analysis in waste streams
- Aroclor furnace in 248, 258, 239 & 245 are on concrete pad floor dry for pick-up should be continued
Surge tanks in 239 & 245 fume heavily

May 70 2100 Cap. 550' Expense project installed which recovered HCl off-gas being sewered through Brink mist eliminator
- Premise prepared to install Brink Mist Eliminator in vent from blow tanks to the drowning jets @ 22,500
- 7000 + 7000 to install catch basin from trench sewers approved
- Use of Aroclor off-gas in 218 discontinued?
- Recommend Environmental protection for new furnace to be installed in Dept 255

June 70 - Project to install rework facilities for Aroclor returned from customers to be issued
Site selected for incinerator
Work started south settling basin
Design in progress to reduce gaseous entrainment from blow tanks and to contain material in the event of rupture disc failure

MONS 041345

July 1970 — Cover project installed to eliminate Aroclor losses from absorber surplus discs by mounting lines back to process

- Completed 14,000 south settling basin
Surveyed plant for spots of possible air pollution there are 13 thermional units
- Instrumentation and auxiliary equip for lab PCB analysis received and assembled.

Aug 1970 — 7,419 + 4,700 project to provide stg for waste aroclor until incinerator is complete. Eliminates bulk dumping at chemical landfill
- Estimate & design prepared to replace chat surfaced areas in Dept 246
- Sewer samples for Aroclor now being performed in lab
- Water and sediment were analyzed for PCB content

Sept 1970 — Vapor sampling begins to determine extent and location of Aroclor air emission
Estimates submitted for installing settling by sewer and trenches to reduce aroclor losses to sewer and for paving the yard area on north side of 2nd street.
- Met with carrier involved in aroclor handling and worked out procedure for cleaning trailers

Oct 1970 — Flow tank Demister project started up
Vapor samples taken show insignificant PCB losses from sample station and drum loading area.
- Electron capture detector GLC in service

MONS 041346

Nov 70 - Significant source of PCB vapors found at [illegible]
Project to be prepared to provide nitrogen purge

Dec 70 Decided all thermal units in plant to be changed
PCB losses detected in sewer flow from Rogers
Cartage Co.
Formal method written for determining PCB
in various samples

Jan 71 Changed 2 thermal units to thermal 66
- 2000-1000 project to pave under thermal
unit in Aroclor Dept.
- Tests planned to wash Aroclor drums at Evans
Steel Barrel Co.
- Design plsg issued to install trenches and
sumps in the yard area.

March 71 - one thermal unit changed
two pydraul A-200 Hydraulic systems in 251 changed
to Fluid A-200B
- Rip tracks washing all Rogers trailers

April-71 11 thermal units in plant have been changed to
non-PCB fluids

June 71 All thermal units in plant changed to non-PCB
fluids
- Incinerator in operation at mid month

July 71 - Design plsg issued to enlarge south settling [illegible]

Aug 71 - Design plsg to provide N_2 blanket on mix tanks
- 1016 [illegible]

MONS 041347

Oct 71 PCB Task Force formed

Nov 71 Overhead sewer line designed to replace leaking Dept. sewers.

Dec 71 PCB Losses occur when producing 1105
Sampling and type of samples being evaluated
Estimate 3500 for $35,000 prepared for sewer upgrading on south second street.
5000-1000 - Project to blend Monture with scrap tractor

June 72 Air blowing discontinued
Project 3500 completed