# TSD Reports

5/68 $N_2$ blanketing of new storage tanks

69 MIP prepared.

ch 69 Samples sent to research for Aroclor analysis (WASTE CONTROL)

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

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

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

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 absorber issued for approval

DSW 296131

ch 70 MIP issued

Work behind schedule to eliminate losses from blow tanks

STLCOPCB4066075

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 furnaces in 248, 258, 239 & 245 are on concrete pads
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

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STLCOPCB4066076

July 1970 6000 project installed to eliminate Aroclor losses from absorber rupture discs by rerouting 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 la

- Water and sediment were analyzed for PCB conte

Sept 1970 - Vapor sampling begins to determine extent and locations of Aroclor air emission

- Estimates submitted for installing settling basi sewer and trenches to reduce aroclor losses to sewe 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 - Blowtank Demister project started up

Vapor samples taken show insignificant PCB losses from sample stations and drum loading areas

- Electron capture detector GLC in service

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Nov 70 - Significant source of PCB vapors found at rain trench. Project to be prepared to provide nitrogen purge

Dec 70 Decided all thermal units in plant to be clean. 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 Arador Dept.
- Tests planned to wash Arador drums at Evans Steel Barrel Co.
- Design proj 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 proj issued to enlarge south settling basin

Aug 71 - Design proj to provide $N_2$ blanket on mix tanks

- 1016 Start-up

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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 samplers being evaluated

Estimate 3500 for $35,000 prepared for sewer upgrading on south second street.

5000-1000 - Project to blend Montana with scrap Aroclor

June 72 Air blowing discontinued

Project 3500 completed

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STLCOPCB4066079