Anniston

J. T. Bell
J. L. Corder
G. L. Jessee
J. C. Landwehr
H. E. Schulte

General Offices

D. Danna (1)
P. B. Hodges
W. B. Papageorge
J. R. Savage

South Second St.

Other Locations

F. Macdonald - Newport

B. W. Corlew - W.G.K.

Monsanto

Anniston Plant

TECHNICAL SERVICES DEPARTMENT

MONTHLY REPORT

Summary

JAN 71 CONFIDENTIAL

Read and Destroy

AROCLOR WASTES

Current Level

Aroclor losses during Jan '71 averaged 1.8 lbs./day (307 ppb). Lbs./day level was up from December while ppb were down due to 300 gpm water flow from startup of Niran incinerator.*

The breakdown of the number is:

28 day average	138 ppb	0.8 lbs./day
(*amount due to Niran incinerator)		(0.4 lbs./day)
increase due to work on 36" sewer to stop contaminated ground water flow	169	1.0
Total average	307 ppb	1.8 lbs./day

Losses to Atmosphere

PCB losses to the atmosphere were revised to include a pounds/day number and reported in January. No future work is planned in this area until the manufacture of liquid Aroclors is resumed at Anniston.

Aroclor Removal from Waste Water

First formal issue of data on Aroclor removal from waste water was made in R & D Progress Report 446-514, No. 1. This data and comments on carbon adsorption, settling and pumping of solids, and clarification-flocculation were transmitted to Aroclor producing locations and concerned Business Group personnel.

MSM 013907

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Projects and Evaluations

1. No. 1 HCl pit rebuild 90% complete. Asphalt lining sprayed 1/30/71. About 2 more weeks required to have it ready for service. Included in the redesign are:

   a) Inlet weir to measure flow in

   b) Grit chamber/distribution baffle

   c) Underflow baffle

   d) Enlarged settling chamber

   e) Piping installation for pumping out inert solids collecting in settling area.

2. Revised premise for carbon collection and disposal (HCl carbon towers) will be published 2/28.

3. Solids removal pilot plant - construction complete, unit turned over to PR&D 1/19/71. Samples sent to Denver Equipment for testing with Betz coagulant which looked good in lab tests at Anniston.

Spills

There were no spills of Aroclor in Jan 71.

:kd

R. Haupt

DSW 013908