

Monsanto

FROM (NAME & LOCATION)

W. R. Richard - Research Center

Wildlip

DATE

December 8, 1969

CC:

H. S. Bergen HBERG

SUBJECT

BOB BINNING CALL ON
DAVE HILL PCB REQUEST FOR
PROPOSAL PCB AT ANNISTON

W. A. Kuhn WKUHN

R. M. Kountz RKOUN

REFERENCE

TO

:

FILE

Dave Hill, F.W.P.C.A. at Athens, Georgia called Binning at MRC 12/5/69 about a proposal to build a demonstration unit to control PCB's in water at the Anniston Plant. Monsanto had not replied to Hill's earlier request. This time Hill indicated some development funds might be available as part of the demonstration unit.

Bill Kuhn, Hill Williams, Joe Landwehr, Bob Binning and W. R. Richard had a conference call to discuss the problem.

Anniston reported 5 water streams containing Aroclor,

- | | | |
|------------|------------|------------------------------|
| 1) 65 gpm | 2 lbs/day | 2-11 ppm |
| 2) 250 gpm | 8 lbs/day | 1-11 ppm |
| 3) 100 gpm | 6 lbs/day | 1.5-20 ppm (HCl sewer) |
| 4) 90 gpm | 11 lbs/day | 2.0-60 ppm (warehouse sewer) |
| 5) 700 gpm | | 0.5-1.0 ppm (limestone pit) |

1000 gpm - Total stream containing Aroclor

Total plant stream 58 ppb Aroclor.

- We talked about
- 1 pits for gross separation
 - 2 coalescers to break emulsions
 - 3 carbon-acid clay-limestone adsorbers
+ regeneration of adsorber.
 - 4 gross incineration requirements - where
catalytic cracking might be
employed.
 - 5 stream dilution to reach <10 ppb.

Need estimate of how big a job the disposal research and plant demonstration unit would be.

Proposal will have to be built around acid clay adsorption + regeneration with some flexibility built into preliminary research and development work. We had little feel for how many \$ or how big a demonstration unit would have to be. Govt. to pay 70% of the cost of the demonstration unit; 30% to Monsanto.

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12-10-69 11:44

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Hill Williams to draw map of Anniston streams.
To confer early next week.

WRR

W. R. Richard

/ms

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