Monsanto

FROM (NAME & LOCATION)

DATE : May 7, 1969

SUBJECT : CLEAN UP AROCLOR IN WASTE STREAM
W. G. Krummrich Plant

REFERENCE

TO : P. B. Hodges:

C O N F I D E N T I A L

cc: Messrs:

B. Bigge	G. J. Geers
B. McCutchan	J. C. Smith
F. M. Elliot	L. W. Sprandel
R. M. Hamlett	D. B. Woods
H. J. Horner	B. R. Williams
G. G. Hudson	D. B. Hosmer - GO
E. W. Mares	W. A. Kuhn - GO
J. R. Shafer	W. R. Richard -GO
M. Goldasich	E. S. Tucker - So.2nd St.
D. W. Sartor	

The program in operation at W.G.K. to minimize loss of Aroclor to the environment is as follows:

1. The Aroclor manufacturing department and the departments using Aroclor or HCl off-gas from Aroclor have been informed of the problem. All are now set up to haul away any waste material and no material will be sewered intentionally. (In most cases this represents no change)

2. From material usage, the Aroclor department estimates a maximum loss to the environment of 60,000 lbs. annually. We are accumulating a composite sample close to the department and at the treatment plant so that we will have representative samples to work on when we receive the analytical method. In this way our first analysis will give us an average value to compare with the department estimate.

3. We will arrange to split this sample with Organic Research.

4. Projects:

   (a) Existing department sewers. We have no plans to change existing sewer systems to include sumps, dikes around tanks or other methods of trapping accidental losses. This will be reviewed if the analytical results indicate a problem or on a recommendation from the Business Group. Sumping the manufacturing area would involve diverting some cooling water but there are no major problems $10,000 would probably cover what is required.

   (b) New Construction. Any changes to the paving and drainage in areas where Aroclor is handled will include a sump or settling tank to trap any spills in the area.

5. Tank Car Washing.

   This is an infrequent operation but quite significant amounts - c. a. 200 gallons - are sewered when cars are washed. Warehouse department personnel are looking at alternates. As with the department sewers, no major projects are planned but minor changes will be made to minimize the loss.

C. F. Buckley.

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