

Monsanto

FROM (NAME & LOCATION) W. C. Engman - WGK

DATE : May 5, 1971
SUBJECT : PCB LOSSES FROM WASHING
REFERENCE :
TO : Mr. W. C. Engman

cc: Messrs. A. E. Leisy
B. R. Williams
C. F. Buckley
J. E. Smith
P. V. Brave
W. A. Krull
E. E. Stewart ✓

Jim Smith gave me the following estimates of rip track washing:

<u>Item</u>	<u>Quantity</u>	<u>Total Water Used/Item</u>
Tk Trailers	3/Mo.	2-3 M Gal.
Tk Cars	4/Mo.	4-5 M Gal.

If we use a solubility figure of 2 ppm as reported in the SAB interim storage sample, the following is obtained:

<u>Item</u>	<u>#PCB/Item</u>	<u>#PCB/Yr</u>
Tk Trailer	0.05#	1.8 #/Yr.
Tk Car	0.084	<u>4.0</u>
Total		5.8 #/Yr.

Thus, it would appear that spending \$15,000 to install kerosene washing facilities is not justified. This, of course, is dependent on successful operation of the settling basin to remove all free PCB.

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