

CHEMICALS



INTEROFFICE / LAKE CHARLES

TO P. S. Trew DATE July 1, 1983
FROM M. G. Carver SUBJECT Vent Sampling

MC.
Attached is the analysis of the Per/Tri Still Line Vent Scrubber as you requested. The vent was sampled at 10:00 A.M. June 30, 1983 for chlorinated hydrocarbon emissions.

The water feed to the scrubber was 23 gpm. The vent gas flow rate was measured at 13.7 ft³/min.

It should also be noted that the vent gas was not visible during the first two minutes of sampling, however, during the last three minutes the vent started "fogging".

If additional sampling is required please contact me.

cc: K. Ezelle/E. LaPorte
W. H. Cooper/M. W. Wood
H. J. Hoenes

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SL 044016

Per/Tri Still Line Vent Scrubber
 Sampled for chlorinated hydrocarbon
 emissions. (10:00 am 6-30-83)
 Linear gas velocity - 70 ft/min

Component		% v/v	lb/Day
Chloroethene	(VC)		
Chloroethane	(EC)		
Methylene Chloride	(MeCl ₂)	0.98	40.1
1,1-Dichloroethene	(VDC)		
1,1-Dichloroethane	(DCE)		
1,2-Dichloroethene	(Cis/Trans)	3.24	142.4
Trichloromethane	(CHCl ₃)		
1,2-Dichloroethane	(EDC)		
1,1,1-Trichloroethane	(MC)		
Tetrachloromethane	(CCl ₄)	0.96	66.8
Trichloroethene	(Trichlor)	4.56	269.6
1,1,2-Trichloroethane	(TCE)		
Tetrachloroethene	(Perchlor)	1.97	147.0
Methyl chloride	(MeCl)	0.24	5.5
Tetrachloroethane (SYM)		0.02	1.6
Total ClHC		11.97	
Tons/Year		123	
Maximum Allowable (Tons/Year)		100	

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WHD