

CHEMICALS

INTEROFFICE / LAKE CHARLES

TO P. S. Trew

DATE July 1, 1983

FROM M. G. Carver

SUBJECT Vent Sampling

MC

The VDC Plant Scrubber Vent was sampled for chlorinated hydrocarbon emissions at 10:30 A.M. on 6-30-83.

Operations were normal, (i.e.) the vents that are normally incinerated were being incinerated.

The production rate was 31 tons per day for VDCM.

Attached is a summary of the analysis.

cc: C. Spivey
M. W. Wood/W. H. Cooper
H. J. Hoenes

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SL 078124

VDC Plant Vent
Chlorinated hydrocarbon emissions.
Sampled 6-30-83 at 10:30 am

Component		% V/V	lb/Day
Chloroethene	(VC)		
Chloroethane	(EC)		
Methylene Chloride	(MeCl ₂)		
1,1-Dichloroethene	(VDC)	1.92	92.2
1,1-Dichloroethane	(DCE)		
1,2-Dichloroethene	(Cis/Trans)	0.15	7.2
Trichloromethane	(CHCl ₃)		
1,2-Dichloroethane	(EDC)	1.30	63.7
1,1,1-Trichloroethane	(MC)		
Tetrachloromethane	(CCl ₄)		
Trichloroethene	(Trichlor)		
1,1,2-Trichloroethane	(TCE)	0.18	11.9
Tetrachloroethene	(Perchlor)		
Total ClHC		3.55	175

tons/year	32
maximum allowable (tons/year)	100

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