

ANALYST:
LAB SUPERVISOR:

VOLATILE ORGANIC ANALYSIS

Sample Number: 058-033183-14-6, 24 Hour Composite

Sampling Location: PPG Industries, Inc.; Outfall 118

Sampling Date: March 30, 1983 - March 31, 1983 0905 - 0539 Hrs

Methodology: Purge & Trap

Comments:

<u>Priority Pollutant</u>	<u>Concentration [ppb] (ug/liter)</u>
Acrolein	ND
Acrylonitrile	ND
Benzene	< 1
Bromodichloromethane	130
Bromomethane	ND
Chlorobenzene	< 1
Chloroethane	4
2-Chloroethyl vinyl ether	ND
Chloromethane	170
Dibromochloromethane	7
1,1-Dichloroethane	4
1,2-Dichloroethane (EDC)	7600
1,1-Dichloroethene	1
t-1,2-Dichloroethene	130
Dichloromethane	72
1,2-Dichloropropane	ND
c-1,3-Dichloropropene	ND
t-1,3-Dichloropropene	ND
Ethylbenzene	ND
1,1,2,2-Tetrachloroethane	4
Tetrachloroethene	< 1
Tetrachloromethane	14
Toluene	ND
Tribromomethane	< 1
1,1,1-Trichloroethane	ND
1,1,2-Trichloroethane	550
Trichloroethene	5
Trichloromethane (chloroform)	70000
Vinyl Chloride	ND

Non-Priority Pollutants Detected

ethanol
acetone
3-methyl-2-butanone
hexamethylcyclotrisiloxane (column bleed)
2,2-dichloroethanol

JUL 14 1983
Office of Environmental Affairs
Southwest Regional Office

Total Chlorinated hydrocarbons: 76,000 ppb
In addition to the non-priority pollutant compounds enumerated, various additional chlorinated compounds appear to be present, but cannot be identified due to the complex overlapping of peaks and the unavailability of standards.

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1,1,1,2-tetrachloroethane

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