

Note: Latest report from samples
taken 4/29/75
Gollob Analytical Service Corp.

____ Mass Spectrometry Gas Chromatography Leak Detection ECS

47 INDUSTRIAL ROAD
BERKELEY HEIGHTS, NEW JERSEY 07922
TEL. (201) 464-3331

TO: Mr. E. K. Borch
Amboy Terminaling Company
560 State Street
Perth Amboy, New Jersey 08861

ANALYTICAL REPORT NO.
G.A.S. 33549

Date Reported: 5/3/75
Date Requested: 4/29/75
P.O. No. Verbal

MATERIAL SUBMITTED: Monitoring for Vinyl Chloride Monomer.

INFORMATION REQUESTED: Gas Chromatography Analysis.

NOTEBOOK REFERENCE: NB 350 page 84.

RESULT OF INVESTIGATION:

This investigation was undertaken to determine the concentration of vinyl chloride in the Warehouse Area at Amboy Terminaling.

On April 29, 1975, Mr. J. Traina of Gollob Analytical Service visited Amboy Terminaling and monitored the Warehouse ambient air with NIOSH approved charcoal tubes. In addition, several grab samples were taken in special evacuated glass containers. All samples were then returned to the G.A.S. Laboratory and analyzed by Flame Ionization Gas Chromatography for vinyl chloride. All data are presented in the tables.

Continued

RNW 3561

By 
GOLLOB ANALYTICAL SERVICE CORP.

		Vinyl Chloride Monomer	
<u>Area Monitored</u>	<u>Time</u>	<u>Concentration ppm</u>	<u>Volume/Volume</u>
<u>Bay 640 & 641</u>	0916-1016	.25	} TWA = .49
	1019-1118	.39	
	1122-1220	.73	
	1221-1329	.61	
<u>Bay 664 & 665</u>	0920-1021	.24	} TWA = .317
	1021-1126	.31	
	1129-1225	.35	
	1228-1332	.37	
<u>Bay 618 & 619</u>	0907-1007	.18	} TWA = .36
	1008-1107	.23	
	1112-1213	.69	
	1217-1324	.34	
<u>Bay 542 & 543</u>	0933-0949	.55	
564 & 565	0957-1012	.52	
518 & 519 *	1038-1053	.19	
418 & 419	1150	ND .1	
464 & 465	1145	.1	
440 & 441	1143-1158	.33	
340 & 341	1236-1251	.25	
318 & 319	1239	ND .1	
364 & 365	1244	ND .1	
240 & 241	1302-1317	.40	
218 & 219	1305	.18	
264 & 265	1352	ND .1	

ND = none detected, less than

NOTE: Except for the grab samples all other samples were collected on NIOSH approved charcoal Lot #105 with Sipin pumps calibrated at 50cc/minute.

* Door opened before this sample was taken. Mr. Traina requested that this door be closed before sampling was started.

RNW 3562

ach 5/5/75

Note That all readings were below the "exposure limit" of 1.

Gollob Analytical Service Corp.

Mass Spectrometry Gas Chromatography Leak Detection

TO: Mr. E. K. Borch
Amboy Terminaling Company
560 State Street
Perth Amboy, New Jersey 08861

47 INDUSTRIAL ROAD
BERKELEY HEIGHTS, NEW JERSEY 07922
TEL. (201) 464-3331

ANALYTICAL REPORT NO. 33549
G.A.S.

Date Reported: 5/3/75
Date Requested: 4/29/75
P.O. No. Verbal

MATERIAL SUBMITTED: Monitoring for Vinyl Chloride Monomer.

INFORMATION REQUESTED: Gas Chromatography Analysis.

NOTEBOOK REFERENCE: NB 350 page 84.

RESULT OF INVESTIGATION:

This investigation was undertaken to determine the concentration of vinyl chloride in the Warehouse Area at Amboy Terminaling.

On April 29, 1975, Mr. J. Traina of Gollob Analytical Service visited Amboy Terminaling and monitored the Warehouse ambient air with NIOSH approved charcoal tubes. In addition, several grab samples were taken in special evacuated glass containers. All samples were then returned to the G.A.S. Laboratory and analyzed by Flame Ionization Gas Chromatography for vinyl chloride. All data are presented in the tables.

Continued

RNW 3563

By



GOLLOB ANALYTICAL SERVICE CORP.

<u>Area Monitored</u>	<u>Time</u>	<u>Vinyl Chloride Monomer</u>	
		<u>Concentration ppm</u>	<u>Volume/Volume</u>
<u>Bay 640 & 641</u>	0916-1016		.25
	1019-1118		.39
	1122-1220		.73
	1221-1329		.61
<u>Bay 664 & 665</u>	0920-1021		.24
	1021-1126		.31
	1129-1225		.35
	1228-1332		.37
<u>Bay 618 & 619</u>	0907-1007		.18
	1008-1107		.23
	1112-1213		.59
	1217-1324		.34
<u>Bay 542 & 543</u>	0933-0949		.55
554 & 565	0957-1012		.52
518 & 519 *	1038-1053		.19
419 & 419	1150	ND	.1
464 & 465	1145		.1
440 & 441	1143-1158		.33
340 & 341	1236-1251		.25
318 & 319	1239	ND	.1
364 & 365	1244	ND	.1
240 & 241	1302-1317		.40
218 & 219	1305		.18
264 & 265	1352	ND	.1

ND = none detected, less than

NOTE: Except for the grab samples all other samples were collected on NIOSH approved charcoal Lot #105 with Sipin pumps calibrated at 50cc/minute.

* Door opened before this sample was taken. Mr. Traina requested that this door be closed before sampling was started.

ach 5/5/75

RNW 3564