NATLSCO

LABORATORY ANALYSIS REPORT

National Loss Control Service Corporati n
Long Grove, Illinois 60049-0075
(708) 540-2488 • Fax (708) 540-4331
ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE DEC. 14, 1992
SAMPLES REC'D DEC. 8, 1992
REQUEST NUMBER 185725
PAGE NUMBER 1 OF REQUEST.

TO:
GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
12-5	VINYL CHLORIDE	4.4	0.06
12-6	VINYL CHLORIDE	6.8	0.10
12-7	VINYL CHLORIDE	12	0.16
12-9	VINYL CHLORIDE	6.6	0.09
12-11	VINYL CHLORIDE	7.0	0.10
12-12	VINYL CHLORIDE	4.0	0.06
12-17	VINYL CHLORIDE	6.0	0.08
12-20	VINYL CHLORIDE	10	0.14
12-23	VINYL CHLORIDE	7.3	0.10
12-25	VINYL CHLORIDE	55	0.74
12-31	VINYL CHLORIDE	25	0.35
12-33	VINYL CHLORIDE	8.2	0.12
12-35	VINYL CHLORIDE	4.7	0.06
12-39	VINYL CHLORIDE	2.8	0.04
12-40	VINYL CHLORIDE	1.7	0.02

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 8776

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE DEC. 14, 1992
SAMPLES REC'D DEC. 8, 1992
REQUEST NUMBER 185726
PAGE NUMBER 1 OF REQUEST.

TO:
GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
12-41	VINYL CHLORIDE	<1.3	<0.02
12-47	VINYL CHLORIDE	3.2	0.04
12-50	VINYL CHLORIDE	1.9	0.04
12-55	VINYL CHLORIDE	4.8	0.07
12-56	VINYL CHLORIDE	20	0.28
12-57	VINYL CHLORIDE	3.1	0.04
12-65	VINYL CHLORIDE	2.3	0.05
12-72	VINYL CHLORIDE	<1.3	<0.03
12-73	VINYL CHLORIDE	<1.3	<0.03
12-82	VINYL CHLORIDE	9.1	0.13
12-84	VINYL CHLORIDE	82	1.1
12-85	VINYL CHLORIDE	120	1.7
12-86	VINYL CHLORIDE	7.4	0.10
12-92	VINYL CHLORIDE	7.0	0.10
12-93	VINYL CHLORIDE	14	0.19

< MEANS LESS THAN

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REPORT DATE DEC. 14, 1992
SAMPLES REC'D DEC. 8, 1992
REQUEST NUMBER 184851
PAGE NUMBER 1 OF REQUEST.

TO: GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
12-94	VINYL CHLORIDE	15	0.21
12-98	VINYL CHLORIDE	3.0	0.04
12-99	VINYL CHLORIDE	7.3	0.10
12-102	VINYL CHLORIDE	14	0.19
12-104	VINYL CHLORIDE	11	0.16
12-109	VINYL CHLORIDE	16	0.23
12-110	VINYL CHLORIDE	8.7	0.12
12-125	VINYL CHLORIDE	26	0.36
12-129	VINYL CHLORIDE	3.9	0.05
12-146	VINYL CHLORIDE	5.7	0.08
12-155	VINYL CHLORIDE	4.9	0.09
12-157	VINYL CHLORIDE	<1.3	<0.02
12-187	VINYL CHLORIDE	1.7	0.02
12-190	VINYL CHLORIDE	<1.3	<0.02
12-197	VINYL CHLORIDE	3.6	0.07

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

LABORATORY ANALYSIS REPORT

REPORT DATE DEC. 14, 1992
SAMPLES REC'D DEC. 8, 1992
REQUEST NUMBER 186738
PAGE NUMBER 1 OF REQUEST.

TO:
GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
12-200	VINYL CHLORIDE	<1.3	<0.02
12-203	VINYL CHLORIDE	<1.3	<0.03
12-205	VINYL CHLORIDE	3.0	0.06
12-212	VINYL CHLORIDE	4.2	0.09
12-214	VINYL CHLORIDE	<1.3	<0.03
12-215	VINYL CHLORIDE	3.6	0.08
12-234	VINYL CHLORIDE	<1.3	<0.03
12-377	VINYL CHLORIDE	9.4	0.13
12-378	VINYL CHLORIDE	15	0.21
12-379	VINYL CHLORIDE	14	0.19
12-385	VINYL CHLORIDE	1.6	0.02
12-387	VINYL CHLORIDE	3.0	0.06
BLANK	BLANK.... VINYL CHLORIDE		NONE DETECTED

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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OCC 8779

LABORATORY ANALYSIS REPORT

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ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE DEC. 14, 1992
SAMPLES REC'D DEC. 8, 1992
REQUEST NUMBER 185725
PAGE NUMBER OF REQUEST.

TO:

GERALD D. LLOYD
OCCIDENTAL CHEMICAL CORP.
ARMAND HAMMER BLVD.
BOX 699
POTTSTOWN PA 19464

	ANALYSIS REQUESTED	METHODOLOGY
	VINYL CHLORIDE	OSHA METHOD 04

Respectfully submitted,

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

One Kemper Drive
Long Grove, IL 60049-0075 • 708/540-2488

Name G. D. LLOYD
Title OCCIDENTAL CHEMICAL CORP.
Firm P. O. BOX 699
Address ARMAND HAMMER BLVD.
POTTSTOWN, PA 19464
Bus. Tel. No. 215 327-6599

No. 186738

ANALYSIS REQUEST

4 of 4

FIELD NUMBER	SAMPLING VOLUME (MINUTES)	ANALYZE FOR—	LABORATORY NO.	RESULTS
12-200	480	√ VINYL CHLORIDE	104043	✓
12-203	435	" "	104044	✓
12-205	435	" "	104045	✓
12-212	430	" "	104046	✓
12-214	455	" "	104047	✓
12-215	420	" "	104048	✓
12-234	455	" "	104049	✓
12-377	680	" "	104050	✓
12-378	680	" "	104051	✓
12-379	680	" "	104052	✓
12-385	690	" "	104053	✓
12-387	480	" "	104054	✓
BLANK	—	" "	104055	✓

COMMENTS:

DATE SAMPLES TAKEN
12-1-92 THRU 12-7-92

DATE RECEIVED BY LABORATORY
12/8/92

DATE COMPLETED
12/14/92

ANALYTICAL METHOD:
603-16 pt 90-93

OCC 8781

NC 82-9 15M 3-92

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One Kemper Drive
Long Grove, IL 60049-0075 • 708/540-2488

1 of 4

Name G.D. LLOYD
Title OCCIDENTAL CHEMICAL CORP.
Firm P.O. BOX 699
Address ARMAND HAMMER BLVD.
POTTSTOWN, PA 19464
Bus. Tel. No. 215 327-6599

ANALYSIS REQUEST No. 185725

Bucket Bottom Sample

FIELD NUMBER	SAMPLING VOLUME (MINUTES)	ANALYZE FOR—	LABORATORY NO.	RESULTS
12-5	675	VINYL CHLORIDE	103991	✓
12-6	680	" "	103992	✓
12-7	680	" "	103993	✓
12-9	670	" "	103994	✓
12-11	660	" "	103995	✓
12-12	660	" "	103996	✓
12-17	705	" "	103997	✓
12-20	680	" "	103998	✓
12-23	675	" "	103999	✓
12-25	710	" "	104000	✓
12-31	690	" "	104001	✓
12-33	680	" "	104002	✓
12-35	700	" "	104003	✓
12-39	665	" "	104004	✓
12-40	680	" "	104005	✓

DATE SAMPLES TAKEN
12-1-92 THRU 12-7-92

DATE RECEIVED BY LABORATORY

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8782

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National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2
One Kemper Drive
Long Grove, IL 60049-0075 • 708/540-2488

Name G. D. LLOYD
Title OCCIDENTAL CHEMICAL CORP.
Firm P.O. Box 699
Address ARMAND HAMMER BLVD.
POTTSTOWN, PA 19464
Bus. Tel. No. 215 327-6599

No. 185726

ANALYSIS REQUEST

2 of 4

FIELD NUMBER	SAMPLING VOLUME (MINATES)	ANALYZE FOR–	LABORATORY NO.	RESULTS
12-41	680	VINYL CHLORIDE	104009	✓
12-47	675	" "	104010	✓
12-50	485	" "	104011	✓
12-55	675	" "	104012	✓
12-56	680	" "	104013	✓
12-57	715	" "	104014	✓
12-65	435	" "	104015	✓
12-72	490	" "	104016	✓
12-73	375	" "	104017	✓
12-82	690	" "	104018	✓
12-84	690	" "	104019	✓
12-85	690	" "	104020	✓
12-86	690	" "	104021	✓
12-92	690	" "	104022	✓
12-93	690	" "	104023	✓

COMMENTS:

DATE SAMPLES TAKEN
12-1-92 THRU 12-7-92

DATE RECEIVED BY LABORATORY
12/8/92 ✓

DATE COMPLETED

ANALYTICAL METHOD:

OCC 8783

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National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

One Kemper Drive
Long Grove, IL 60049-0075 • 708/540-2488

Name G. D. LLOYD

Title OCCIDENTAL CHEMICAL CORP.

Firm P.O. BOX 699

Address ARMAND HAMMER BLVD.

POTTSTOWN, PA 19464

Bus. Tel. No. 215 327-6599

No.184851

ANALYSIS REQUEST

3 of 4

FIELD NUMBER	SAMPLING VOLUME (MINUTES)	ANALYZE FOR—	LABORATORY NO.	RESULTS
12-94	690	VINYL CHLORIDE	104028	✓
12-98	690	" "	104029	✓
12-99	690	" "	104030	✓
12-102	690	" "	104031	✓
12-104	690	" "	104032	✓
12-109	690	" "	104033	✓
12-110	690	" "	104034	✓
12-125	690	" "	104035	✓
12-129	690	" "	104036	✓
12-146	675	" "	104037	✓
12-155	530	" "	104038	✓
12-157	520	" "	104039	✓
12-187	690	" "	104040	✓
12-190	480	" "	104041	✓
12-197	480	" "	104042	✓

DATE SAMPLES TAKEN
12-1-92 THRU 12-7-92

DATE RECEIVED BY LABORATORY
12/8/92

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8784