LABORATORY ANALYSIS REPORT

NATLSCO

National Loss Control Service Corporation
Long Grove, Illinois 60049-0075
(708) 540-2488 • Fax (708) 540-4331

ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE NOV. 3, 1992
SAMPLES REC'D OCT. 29, 1992
REQUEST NUMBER 186731
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
10-9	VINYL CHLORIDE	2.6	0.04
10-10	VINYL CHLORIDE	1.8	0.03
10-11	VINYL CHLORIDE	2.9	0.04
10-14	VINYL CHLORIDE	1.7	0.02
10-18	VINYL CHLORIDE	4.9	0.07
10-21	VINYL CHLORIDE	4.3	0.06
10-25	VINYL CHLORIDE	2.5	0.04
10-32	VINYL CHLORIDE	1.7	0.02
10-46	VINYL CHLORIDE	1.5	0.02
10-48	VINYL CHLORIDE	<1.4	<0.02
10-51	VINYL CHLORIDE	6.4	0.13
10-52	VINYL CHLORIDE	5.4	0.11
10-53	VINYL CHLORIDE	15	0.30
10-57	VINYL CHLORIDE	8.9	0.13
10-69	VINYL CHLORIDE	<1.4	<0.03

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

OCC 8875

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

LABORATORY ANALYSIS REPORT

NATLSCO

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

REPORT DATE NOV. 3, 1992
SAMPLES REC'D OCT. 29, 1992
REQUEST NUMBER 186732
PAGE NUMBER 1 OF REQUEST.

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

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS	
		Micrograms	PPM
10-70	VINYL CHLORIDE	2.6	0.05
10-71	VINYL CHLORIDE	<1.3	<0.02
10-72	VINYL CHLORIDE	<1.3	<0.02
10-73	VINYL CHLORIDE	<1.3	<0.02
10-74	VINYL CHLORIDE	<1.3	<0.03
10-75	VINYL CHLORIDE	3.7	0.05
10-81	VINYL CHLORIDE	12	0.16
10-92	VINYL CHLORIDE	12	0.17
10-98	VINYL CHLORIDE	46	0.64
10-106	VINYL CHLORIDE	12	0.17
10-113	VINYL CHLORIDE	5.5	0.08
10-117	VINYL CHLORIDE	3.0	0.04
10-119	VINYL CHLORIDE	5.9	0.08
10-122	VINYL CHLORIDE	<1.3	<0.03
10-123	VINYL CHLORIDE	9.0	0.12

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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LABORATORY ANALYSIS REPORT

NATLSCO

National Loss Control S rvice Corporati n
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(708) 540-2488 • Fax (708) 540-4331

ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE NOV. 3, 1992
SAMPLES REC'D OCT. 29, 1992
REQUEST NUMBER 186733
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
10-124	VINYL CHLORIDE	7.0	0.10
10-129	VINYL CHLORIDE	22	0.31
10-138	VINYL CHLORIDE	1.3	0.02
10-140	VINYL CHLORIDE	1.3	0.02
10-146	VINYL CHLORIDE	2.8	0.04
10-150	VINYL CHLORIDE	<1.3	<0.02
10-161	VINYL CHLORIDE	<1.3	<0.02
10-163	VINYL CHLORIDE	<1.3	<0.03
10-167	VINYL CHLORIDE	<1.3	<0.02
10-171	VINYL CHLORIDE	8.0	0.12
10-173	VINYL CHLORIDE	9.8	0.14
10-181	VINYL CHLORIDE	3.0	0.04
10-186	VINYL CHLORIDE	1.4	0.02
10-197	VINYL CHLORIDE	6.2	0.12
10-200	VINYL CHLORIDE	7.0	0.14

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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OCC 8877

LABORATORY ANALYSIS REPORT

NATLSCO

National Loss Control Service Corporation
Long Grove, Illinois 60049-0075
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ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE NOV. 3, 1992
SAMPLES REC'D OCT. 29, 1992
REQUEST NUMBER 186734
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
10-221	VINYL CHLORIDE	18	0.38
10-243	VINYL CHLORIDE	<1.4	<0.03
10-258	VINYL CHLORIDE	2.2	0.04
10-262	VINYL CHLORIDE	8.5	0.12
10-264	VINYL CHLORIDE	<1.4	<0.02
10-273	VINYL CHLORIDE	<1.4	<0.02
10-283	VINYL CHLORIDE	3.1	0.04
10-295	VINYL CHLORIDE	6.5	0.09
10-307	VINYL CHLORIDE	<1.4	<0.03
10-310	VINYL CHLORIDE	<1.4	<0.03
10-322	VINYL CHLORIDE	5.3	0.08
10-323	VINYL CHLORIDE	1.9	0.03
10-376	VINYL CHLORIDE	5.4	0.08
10-382	VINYL CHLORIDE	4.9	0.07
10-37	VINYL CHLORIDE	2.6	0.06

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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OCC 8878

LABORATORY ANALYSIS REPORT

NATLSCO

National Loss Control Service C rporati n
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(708) 540-2488 • Fax (708) 540-4331
ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE NOV. 3, 1992
SAMPLES REC'D OCT. 29, 1992
REQUEST NUMBER 186735
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
10-3	VINYL CHLORIDE	17	0.24
10-38	VINYL CHLORIDE	1.8	0.04
10-94	VINYL CHLORIDE	1.9	0.03
10-120	VINYL CHLORIDE	1.4	0.02
10-121	VINYL CHLORIDE	2.6	0.05
10-128	VINYL CHLORIDE	6.1	0.08
10-169	VINYL CHLORIDE	3.4	0.05
10-183	VINYL CHLORIDE	<1.3	<0.02
10-278	VINYL CHLORIDE	1.9	0.04
10-284	VINYL CHLORIDE	1.9	0.03
10-285	VINYL CHLORIDE	3.8	0.05
10-286	VINYL CHLORIDE	8.3	0.12
10-327	VINYL CHLORIDE	<1.3	<0.02
10-134	VINYL CHLORIDE	<1.3	<0.02
10-1	VINYL CHLORIDE	12	0.18

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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OCC 8879

NC 448-2 30M 1-92

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LABORATORY ANALYSIS REPORT

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Long Grove, Illinois 60049-0075
(708) 540-2488 • Fax (708) 540-4331

ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE NOV. 3, 1992
SAMPLES REC'D OCT. 29, 1992
REQUEST NUMBER 178658
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
10-400	VINYL CHLORIDE	<1.3	<0.03
BLANK	BLANK.... VINYL CHLORIDE		NONE DETECTED

< MEANS LESS THAN

Respectfully submitted,

Joan A. Wronski

Joan A. Wronski, CIH, Manager
Environmental Sciences Laboratory

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OCC 8880

LABORATORY ANALYSIS REPORT

NATLSCO

Nati nal Loss Control Service Corporation
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(708) 540-2488 • Fax (708) 540-4331

ENVIRONMENTAL SCIENCES LABORATORY, K-2

REPORT DATE NOV. 3, 1992
SAMPLES REC'D OCT. 29, 1992
REQUEST NUMBER 186731
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

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

OCC 8881

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

One Kemper Drive
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Name H. D. Lloyd
Title Occidental Chemical Corp.
Firm P.O Box x 689
Address Armand Bouvier Blvd.
Pottstown, Pa 19464
Bus. Tel. No. 215-327-4589

No.186731

ANALYSIS REQUEST

Infreeze:
Bottom Shelf 1046

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR–	LABORATORY NO.	RESULTS
10-9	660	Vinyl Chloride	091604	
10-10	660		091605	
10-11	660		091606	
10-14	675		091607	
10-18	660		091608	
10-21	710		091609	
10-25	660		091610	
10-32	660		091611	
10-46	690		091612	
10-48	690		091613	
10-51	480		091614	
10-52	480		091615	
10-53	470		091616	✓
10-57	660		091617	
10-69	480		091618	

COMMENTS:

DATE SAMPLES TAKEN
10-12 / 10-17

DATE RECEIVED BY LABORATORY
10.29 9

DATE COMPLETED
11/2/92

ANALYTICAL METHOD: GC, 59-19, Pg 31 -> 34

OCC 8882

NC 82-9 15M 3-92

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National Loss Control Service Corporation

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Title Occidental Chemical Corp.
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Address Richard Hamm Blvd.
Pottstown Pa 19464
Bus. Tel. No. 215-327-6599

No. 186732 ✓

ANALYSIS REQUEST

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR–	LABORATORY NO.	RESULTS
10-70	480	Vinyl Chloride	091624	
10-71	480		091625	
10-72	485		091626	
10-73	490		091627	
10-74	465		091628	
10-75	680		091629	
10-81	680		091630	✓
10-92	690		091631	
10-98	690		091632	
10-106	690		091633	
10-113	670		091634	
10-117	670		091635	
10-119	690		091636	
10-122	475		091637	
10-123	690		091638	

DATE SAMPLES TAKEN
10/12 - 10-15
DATE RECEIVED BY LABORATORY

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8883

NC 82-9 15M 3-92

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NATLSCO

National Loss Control Service Corporation

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Name M. D. Lloyd
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Pocketon Pa 19464
Bus. Tel. No. 215-327-6549

No.186733

ANALYSIS REQUEST

3 of 4

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR–	LABORATORY NO.	RESULTS
10-124	660	Vinyl Chloride	091639	
10-129	690		091640	✓
10-138	675		091641	
10-140	710		091642	
10-146	670		091643	
10-150	660		091644	
10-161	495		091645	
10-163	440		091646	
10-167	480		091647	
10-171	665		091648	
10-173	690		091649	
10-181	685		091650	
10-184	690		091651	
10-197	480		091652	
10-200	480		091653	

DATE SAMPLES TAKEN
10/12 to 10/19
DATE RECEIVED BY LABORATORY

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8884

NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2

One Kemper Drive
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Name W.D. Lloyd
Title Assistant Chemical Corp.
Firm P.O. Box 699
Address Diamond Hammer Board
Pottstown Pa 19464
Bus. Tel. No. 215-327-6599

No. 186734

ANALYSIS REQUEST 486

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR--	LABORATORY NO.	RESULTS
10-221	450	Volatile Chemicals	091660	✓
10-243	465		091661	
10-258	475		091662	
10-262	660		091663	
10-264	690		091664	
10-273	690		091665	
10-283	665		091666	
10-295	690		091667	
10-307	460		091668	
10-310	465		091669	
10-322	660		091670	
10-323	660		091671	
10-376	690		091672	
10-382	660		091673	
10-37	450		091674	

DATE SAMPLES TAKEN
10/12 To 10/20

DATE RECEIVED BY LABORATORY

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8885

NC 82-9 15M 3-92

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NATLSCO

National Loss Control Service Corporation

ENVIRONMENTAL SCIENCES LABORATORY, K-2
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Bus. Tel. No. 215-327-6569

No. 186735

ANALYSIS REQUEST

5 of 6

FIELD NUMBER	SAMPLING VOLUME	ANALYZE FOR--	LABORATORY NO.	RESULTS
10-3	660	Vinyl Chloride	091675	
10-38	450		091676	
10-94	690		091677	
10-120	690		091678	
10-121	450		091679	
10-128	690		091680	✓
10-169	690		091681	
10-183	690		091682	
10-278	450		091683	
10-284	690		091684	
10-285	690		091685	
10-286	690		091686	
10-327	690		091687	
10-134	660		091688	
10-1	660		091689	

[redacted]
DATE SAMPLES TAKEN
10/22 / 10/23
DATE RECEIVED BY LABORATORY

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8886

NATLSCO

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. 178658

ANALYSIS REQUEST

6086

FIELD NUMBER	SAMPLING VOLUME (MINUTES)	ANALYZE FOR–	LABORATORY NO.	RESULTS
10-400	435	Vinyl Chloride	091700	
Blank	—	" "	091701	

DATE SAMPLES TAKEN
10-26-92

DATE RECEIVED BY LABORATORY

DATE COMPLETED

COMMENTS:

ANALYTICAL METHOD:

OCC 8887