PLAINTIFF'S
EXHIBIT
DUP-1891

November 6, 1984

TO : S. W. Ellis Jr.

FROM : David Horecka

DISMANTLEMENT & REARRANGEMENT ASBESTOS REMOVAL - PERIPHERY MONITORING

Monitoring was done to ensure that the fenced boundaries around the D & R job at the old Nylon block are below the TLV for Asbestos. Construction was wetting down and removing the Asbestos insulation from 514 Bldg. while monitoring was being done. The samples were taken on October 16, 1984 downwind of the project. (Sample location and weather data are noted in Tables II and III.)

The samples were obtained using NIOSH Analytical Method P&CAM 239. Calibrated Dupont P-4000, and Bendix 44 high flow sampling pumps were used to pull ambient air through a 37 mm cassette with a Millipore AAWHP 0.8 mm MCE filter in line. Airborne Asbestos fibers were trapped on the filter.

The cassettes were analyzed by the Clayton Environmental Consultants, Inc. for Asbestos fibers greater than 5 Microns in length (fibers/filter). The results show that Asbestos periphery levels are well below the TLV. (Short Term Exposure Limit - 10 Fibers/cc>5 Microns/cc. 8-HR. Time Weighted Average - 0.5 Fibers/cc>5 Microns/cc.

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TABLE I

ASBESTOS REMOVAL - PERIPHERY MONITORING

LN.	DATE	*LOCATION	ANAL. METHOD	ST. TIME	TIME HR.	VOL. LITER	TLV	RESULT STEL	RESULT 8-HR. TWA
1079	10-16-84	Cassette # AS-40 South of Bldgs. 516 & 518	NIOSH P&CAM 239	0930	6.0	929.88	8-HR. TWA .5 Fibers/cc >5 Microns/cc	.012 Fibers/cc >5 Microns/cc	.009 Fibers/cc >5 Microns/cc
1080	"	Cassette # AS-41 Southwest of Bldg. 516	"	"	"	1035.41	STEL 10 Fibers/cc >5 Microns/cc	.006 Fibers/cc >5 Microns/cc	.005 Fibers/cc >5 Microns/cc
1081	"	Cassette # AS-42 Southeast of Bldg. 514	"	"	"	994.87		.003 Fibers/cc >5 Microns/cc	.002 Fibers/cc >5 Microns/cc
1082	"	Cassette # AS-43 South of Bldg. 514	"	"	"	888.09		.019 Fibers/cc >5 Microns/cc	.014 Fibers/cc >5 Microns/cc
1083	"	Cassette # AS-45 Southwest of Bldg. 514	"	"	"	1389.60		.010 Fibers/cc >5 Microns/cc	.008 Fibers/cc >5 Microns/cc
1084	"	Cassette # AS-46 South of Bldgs. 514 & 522	"	"	"	1288.80		.005 Fibers/cc >5 Microns/cc	.004 Fibers/cc >5 Microns/cc

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Pump Locations Are Noted In Table II.

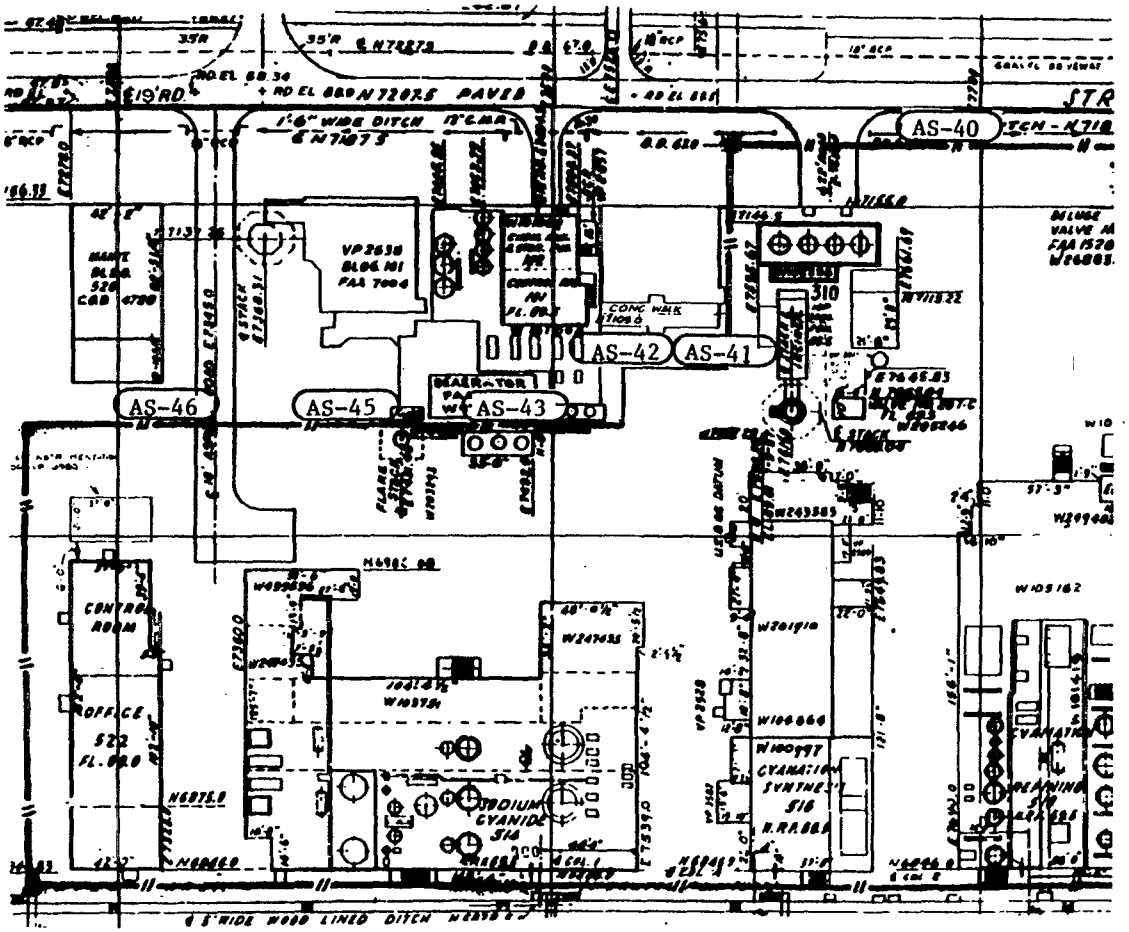
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TABLE II

D & R ASBESTOS REMOVAL PUMP LOCATIONS

10-16-84

by David Horecka





FENCED BY CONTRACTOR

AS-40	South of Bldgs. 516 & 518
AS-41	Southwest of Bldg. 516
AS-42	Southeast of Bldg. 514
AS-43	South of Bldg. 514
AS-45	Southwest of Bldg. 514
AS-46	South of Bldgs. 514 & 522

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TABLE III

ATA FROM MINI NPH

DAY	TIME	WIND SPEED	WIND DIR. (N=0,E=90)	AMBIENT TEMPERATURE	BAROMETRIC PRESSURE	RELATIVE HUMIDITY
290	1526	16.400	180.720	85.800	29.130	81.900
290	1456	8.000	161.640	86.100	29.126	80.000
290	1426	6.800	176.040	87.900	29.126	77.300
290	1356	15.200	202.680	85.800	29.134	81.400
290	1326	8.400	164.160	85.350	29.126	81.700
290	1256	8.800	187.560	85.350	29.138	81.300
290	1226	22.000	202.320	84.450	29.140	83.100
290	1156	14.000	203.040	84.000	29.142	84.000
290	1126	10.000	191.520	83.700	29.140	86.300
290	1102	19.600	180.360	84.300	29.128	84.500
290	958	18.400	180.000	81.600	29.120	93.800
290	928	10.600	169.560	80.850	29.110	97.700
AVG.		13.183	183.300	84.600	29.130	84.417
SIGMA		4.897	13.892	1.859	0.000	5.573

DVI 2008449

DUP 0814610

DUP 0814611

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

Analytical Laboratory Report

Mr. David L. Horecka
550 Lab, Station 53-A
E. I. DUPONT DE NEMOURS & COMPANY, INC.
P.O. Box 2626, Victoria Plant
Victoria, TX 77902

Date Reported: 30-OCT-84
Date Received: 26-OCT-84
CEC Job No.: 23941-17
P.O. No.: LOV47782-L

DU 009912

Dear Mr. Horecka:

The samples which you submitted to us have been analyzed as requested; the results are compiled in the following table.

Lab Number	Sample Description	Fibers Greater Than 5 Microns in Length (fibers/filter)
347855	AS-40	11,000
347856	AS-41	6,000
347857	AS-42	3,000
347858	AS-43	17,000
347859	AS-45	14,000
347860	AS-46	6,000

Limit of Detection: 3,000 fibers/filter
Analytical Method (NIOSH): P&CAM 239

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In the calculation of airborne concentrations, care should be used in the interpretation of results when using values of below 28,000 fibers/filter (corresponding to a count of 10 fibers/100 fields) as NIOSH states that the statistical variation of the asbestos method is greatly increased at low fiber counts.

Please contact us at (313) 424-8860 if you have any questions. It has been a pleasure assisting you.

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Robert Lieckfield Jr., C.I.H.
Manager, Laboratory Services
Southfield Office