PLAINTIFF'S
EXHIBIT
DUP-1889

June 18, 1984

TO : S. W. Ellis Jr.
FROM : David Horecka

DISMANTLEMENT & REARRANGEMENT ASBESTOS REMOVAL - PERIPHERY MONITORING

Monitoring was done on May 22, 1984 to ensure that the fenced boundaries around the D & R job at the old Nylon block are below the TLV for Asbestos. (Short Term Exposure Limit - 10 Fibers/cc >5 Microns/cc, 8-Hr. Time Weighted Average - 0.5 Fibers/cc >5 Microns/cc) Samples were taken downwind of the project. Seven "spot checks" were made to allow for variations in weather data and work load changes. (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 um 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 (Table I).

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DUP 0814597

DUP 0814598

DU 009899

TABLE I

ASBESTOS REMOVAL - PERIPHERY MONITORING

LN.	DATE	*LOCATION	ANAL. METHOD	ST. TIME	TIME HR.	VOL. LITER	TLV	RESULT STEL	RESULT 8-HR. TWA
991	5-22-85	Cassette # AS-16 Fence Corner NW of Bldg. 520	NIOSH P&CAM 239	0859	6.517	1399.8	8-HR. TWA .5 Fibers/cc >5 Microns/cc	.005 Fibers/cc >5 Microns/cc	.004 Fibers/cc >5 Microns/cc
992	5-22-84	Cassette # AS-17 30 Ft. W. of Fence Corner NW of Bldg. 520	"	"	-	-	STEL 10 Fibers/cc >5 Microns/cc	Sample Invalid Pump Failure	Sample Invalid Pump Failure
993	5-22-84	Cassette # AS-18 50 Ft. NW of Fence Corner NW of Bldg. 520	"	"	"	1509.3		.007 Fibers/cc >5 Microns/cc	.006 Fibers/cc >5 Microns/cc
994	5-22-84	Cassette # AS-19 72 Ft. NW of Fence Corner NW of Bldg. 520	"	"	"	919.8		<.003 Fibers/cc 5 Microns/cc	<.002 Fibers/cc 5 Microns/cc
995	5-22-84	Cassette # AS-20 94 Ft. NW of Fence Corner NW of Bldg 520	"	"	"	866.0		.004 Fibers/cc >5 Microns/cc	.003 Fibers/cc > 5 Microns/cc
996	5-22-84	Cassette # AS-21 124 Ft. NW of Fence Corner NW of Bldg. 520	"	0918	6.200	956.8		<.003 Fibers/cc >5 Microns/cc	<.002 Fibers/cc > 5 Microns/cc
997	5-22-84	Cassette # AS-22 13 Ft. S. of Fence Corner NW of Bldg. 520	"	"	"	1028.8		<.003 Fibers/cc > 5 Microns/cc	<.002 Fibers/cc > 5 Microns/cc

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* Page Locations Are Noted In Table II

TABLE II

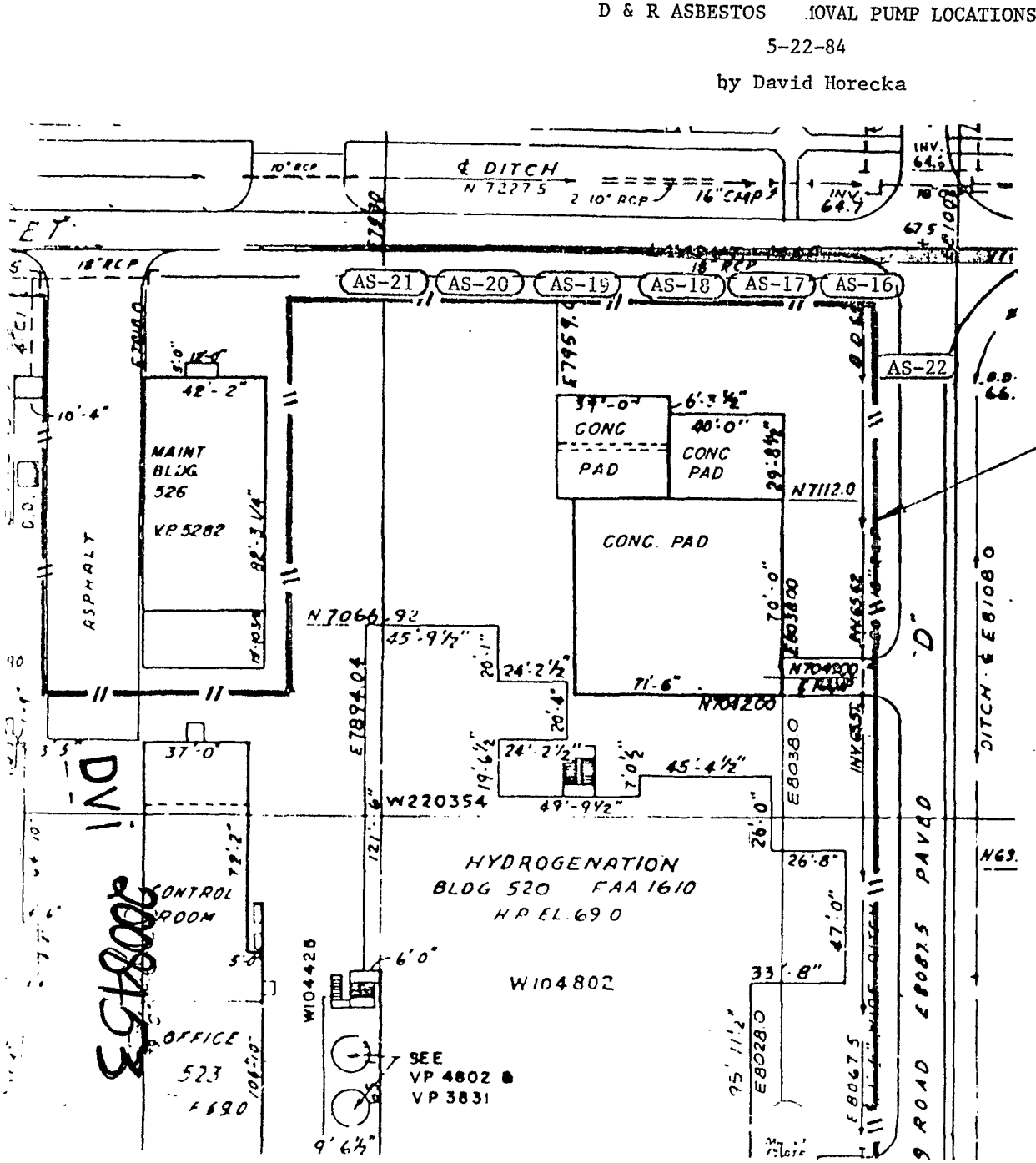
D & R ASBESTOS .IOVAL PUMP LOCATIONS

5-22-84

by David Horecka

DUP 0814599

DU 009900



AS-16	Northwest Fence Corner
AS-17	30 Ft. West of NW Corner
AS-18	50 Ft. West of NW Corner
AS-19	72 Ft. West of NW Corner
AS-20	94 Ft. West of NW Corner
AS-21	124 Ft. West of NW Corner
AS-22	13 Ft. South of NW Corner

TABLE III

WEATHER DATA

8 SCALED DATA FROM MINI NPH

DAY	TIME	WIND SPEED	WIND DIR. (N=0,E=90)	AMBIENT TEMPERATURE	BAROMETRIC PRESSURE	RELATIVE HUMIDITY
143	1534	9.800	161.280	87.000	28.176	78.000
143	1504	15.400	155.520	86.250	28.230	81.700
143	1434	16.000	153.360	86.400	28.228	81.700
143	1404	19.200	151.200	86.250	28.260	80.000
143	1334	14.800	153.000	86.250	28.226	79.500
143	1304	15.000	145.800	85.350	28.230	82.800
143	1234	9.800	145.800	83.700	28.182	84.400
143	1204	19.600	159.840	83.550	28.266	85.100
143	1134	7.800	160.200	83.400	28.166	87.100
143	1104	8.400	160.920	82.350	28.168	92.300
143	1034	9.200	159.480	82.050	28.174	89.000
143	1004	14.000	163.080	82.200	28.216	89.200
143	934	1.600	151.920	80.700	28.106	91.700
143	904	8.800	158.400	79.950	28.172	100.000
AVG.		12.100	155.700	83.957	28.200	85.893
SIGMA		4.814	5.446	2.227	0.042	5.863

DVI 2008454

DUP 0814600

DUP 0814601

CLAYTON ENVIRONMENT CONSULTANTS, INC.

Analytical Laboratory Report

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

Date Reported: 12-JUN-84
Date Received: 05-JUN-84
CEC Job No.: 22004-17
P.O. No.: LOV-44075-L

2008455

DU 009902

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)
323713	AS-16	7,000
323714	AS-17	*
323715	AS-18	10,000
323716	AS-19	<3,000
323717	AS-20	3,000
323718	AS-21	<3,000
323719	AS-22	<3,000

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

* Sample AS-17 was not analyzed. The manufacturer's blue divider paper was inserted between the backup pad and the filter.

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.

Ellen Caffman for

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