



7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

FOR

DOW CHEMICAL
Industrial Hygiene Bldg. 3502W
Post Office Box 150
Plaquemine, LA 70764-0500

ATTENTION: Mr. Darlene Creel

February 19, 1992

klb

20-1291

DO A 114623
CONFIDENTIAL

DOW CHEMICAL
Plaquemine, LA

February 19, 1992

Five (5) filter cassette samples were received on February 14, 1992 from Dow Chemical for fiber count. One (1) filter cassette sample was unable to be analyzed. Fibers larger than 5 microns in length were counted by means of phase-contrast microscopy at a magnification of 400X. The procedure recommended by NIOSH method 7400A was followed. Pertinent information regarding fiber counts is as follows:

Field Area: 0.00785 mm² (Walton Beckett Graticule)

Effective Collecting Area:

385 mm² (25 mm Cassette)

855 mm² (37 mm Cassette)

Limit of Quantitation: 10 fibers/100 fields

Limit of Detection: > Average Blank Count

@ Detection limits are based upon a minimal concentration of 7 fibers/mm².

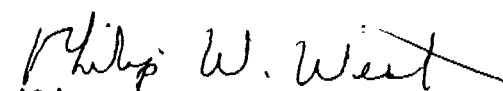
Sample I.D.	Fibers (>5um) Observed	No. of Fields Observed	Fibers per Filter	Volume of Air (L)	Fibers (>5um) per c.c. of Air
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Power II:

13906	15	100	7,357	----	-----
13907	11	100	5,395	-----	-----
13905(1)	-----	-----	-----	-----	-----
Blank #1	0	100	<490	-----	-----
Blank #2	0	100	<490	-----	-----

(1) Unable to analyze due to wet filter.

20-1291


Philip W. West, Ph.D.
Laboratory Director

DO A 114624
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WEST PAINE
LABORATORIES INC.
7979 GSRI AVE.
BATON ROUGE, LA 70820

*called
Louie
8:25 A.M.
for pick-up*

PO # 1485447

MSI # 153582

Sample I.D. :

#13906 / #13905 /
#13907 / Blank #1 /
Blank #2

CHAIN-OF-CUSTODY RECORD

SAMPLE COLLECTION:

Collector's Name: Darlene S. Creel Telephone: (504) 389-6181

Company Name: Dow Chemical (Industrial Hygiene Bldg. 3502W)

Address: P.O. Box 150, Plaquemine, Louisiana 70765-0500

Date Sampled: 2-13-92 Time: _____

Type of Process or Facility Sampled: Fiber count via NIOSH 7400

Field Information: Filter cassettes for fiber per filters

Power II - #13906 - #13907 - #13905
Blanks #1 & #2

SAMPLE SHIPPING (other than transportation by collector):

Transporter's Name: C. Christy Date: 2-14-92 Time: 11:00

Company Name: West Paine Courier

Address: B.R.

SAMPLE RECEIVING:

Person accepting sample: Daria Haydel Date: 2-14-92 Time: 12:10

Company Name: WEST-PAINE LABORATORIES, INC.

Address: 7979 GSRI AVENUE, BATON ROUGE, LOUISIANA 70820 PHONE: (504) 769-4900

Sample Disposition _____ Storage _____ Further Transportation _____ Other _____

CHAIN-OF-POSSESSION: (Attach additional sheets as needed to show continuity)

TERMINATION OF CHAIN OF CUSTODY:

Authorized by: _____ Date: _____ Time: _____

Company/Name: _____ Address: _____

DO A 114625
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