



7979 GSRI AVE. • BATON ROUGE, LA 70820

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FEB 24 1992

IND. HYGIENE DEPT.

D. Creel

ASBESTOS FIBER COUNT ANALYSIS

FOR

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

ATTENTION: Ms. Darlene Creel

February 19, 1992

DO A 114718
CONFIDENTIAL

klb

20-1292



7979 GSRI AVE. • BATON ROUGE, LA 70820

DOW CHEMICAL
Plaquemine, LA

February 19, 1992

Four (4) filter cassette samples were received on February 14, 1992 from Dow Chemical for fiber count. 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:

13908	2	100	981	----	----
13909	0	100	<490	----	----
Blank #1	0	100	<490	----	----
Blank #2	0	100	<490	----	----

20-1292

Carolyn Kibbey
Philip W. West, Ph.D.
for Laboratory Director

DO A 114719
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WEST PAINE
LABORATORIES INC.
7979 GSRI AVE.
BATON ROUGE, LA 70820

PO # 1485588

MSI # 153597

Sample I.D. :

13908 Blank #1 1/2

13909

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: 2-14-92 Time: _____

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

Field Information: Filter cassettes for fiber per filters

Dow II #13908 / #13909
Blank #1 1/2

SAMPLE SHIPPING (other than transportation by collector):

Transporter's Name: Cornell Christopher Date: 2-14-92 Time: 12:00

Company Name: West Paine Courier

Address: B. R.

SAMPLE RECEIVING:

Person accepting sample: Daria Haydel Date: 02/14/92 Time: 13:00

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 114720
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