WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

FOR

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

ATTENTION: Ms. Darlene Creel

March 23, 1992

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WEST-PAINE Laboratories INC.
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DOW CHEMICAL
Plaquemine, LA

March 23, 1992

Six (6) filter cassette samples were received on March 19, 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 mm^2 (Walton Beckett Graticule)
Effective Collecting Area:
385 mm^2 (25 mm Cassette)
855 mm^2 (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/mm^2.

Sample I.D.	Fibers (>5um) Observed	No. of Fields Observed	Fibers per Filter	Volume of Air (L)	Fibers (>5um) per c.c. of Air
CA II:					
13822	0	100	<490	---	---
13823	0	100	<490	---	---
Glycol I:					
13826	4	100	1,962	---	---
Glycol II:					
13827	0	100	<490	---	---
Blank #1	0	100	<490	---	---
Blank #2	0	100	<490	---	---

Philip W. West, Ph.D.
Laboratory Director

20-2400

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

PO # 1500617
MSI # 154886

Sample I.D. :
#13826 #13822
#13827 #13823
Blank #1 & #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: 3-13-92 3-17-92 Time:

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

Field Information: Filter cassettes for fiber per filters

#13826 - Glycol I / #13822 - CA II / Blank #1 /
#13827 - Glycol II / 13823 - CA II / Blank #2

SAMPLE SHIPPING (other than transportation by collector):

Transporter's Name: Connee Christophe Date: 3-19-92 Time: 3:00pm

Company Name: West Paine Courier

Address: B.R

MAR 19 [illegible]

SAMPLE RECEIVING:

Person accepting sample Patty Cooper Date: 03/19/92 Time: 1610

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:

12 16 37

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