



7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

for

DOW CHEMICAL, U.S.A
Post Office Box 150 B3520
Plaquemine, Louisiana 70764

Attention: Ms. Jackie Paul

December 28, 1988

DO A 116588
CONFIDENTIAL

lab

88-8800



7979 GSRI AVE • BATON ROUGE, LA 70820

DOW CHEMICAL, U.S.A.
Plaquemine, Louisiana

December 28, 1988

Thirteen (13) filter cassette samples were received on December 13, 1988, from Dow Chemical, U.S.A. for asbestos 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 (25mm Cassette)
855 mm² (37mm 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.

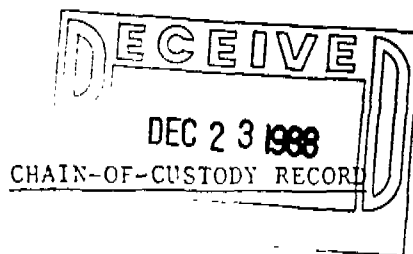
<u>Sample ID.</u>	<u>Fibers</u> <u>(>5um)</u> <u>Observed</u>	<u>No. of</u> <u>Fields</u> <u>Observed</u>	<u>Fibers</u> <u>per</u> <u>Filter</u>	<u>Volume</u> <u>of</u> <u>Air (L)</u>	<u>Fibers</u> <u>(>5um)</u> <u>per c.c.</u> <u>of Air</u>
✓09321	50 - 3 = 47	100	23,051	-----	-----
✓09323	21 - 3 = 18	100	8,828	-----	-----
✓09319	20 - 3 = 17	100	8,338	-----	-----
✓09318	20 - 3 = 17	100	8,338	-----	-----
✓09251	63 - 3 = 60	100	29,427	-----	-----
✓09320	33 - 3 = 30	100	14,714	-----	-----
✓08575	65 - 3 = 62	100	30,408	-----	-----
✓09322	18 - 3 = 15	100	7,357	-----	-----
✓08569	19 - 3 = 16	100	7,847	-----	-----
✓08568	20 - 3 = 17	100	8,338	-----	-----
✓08514	13 - 3 = 10	100	4,905	-----	-----
Blank	3	100	-----	BLANK	-----
Blank	3	100	-----	BLANK	-----

Philip W. West
Philip W. West, Ph.D.
Laboratory Director

DO A 116589
CONFIDENTIAL



MSI # 111711



SAMPLE COLLECTION:

Location of Sampling: _____

Facility Type: _____ Producer _____ Hauler _____ Disposal Site _____ Other _____

Collector's Name: JACKIE PAUL Telephone: () _____

Company Name: DOW

Address: _____

Date Sampled: _____ Time: _____

Type of Process or Facility Sampled: _____

Field Information: 02320, 02321, 02318, BLNK, BLNK, 09319
02322, 08514, 08568, 02322, 08575, 09321

SAMPLE SHIPPING (other than transportation by collector)

Transporter's Name: _____ Date: _____ Time: _____

Company Name: _____

Address: _____

SAMPLE RECEIVING:

Person accepting sample *Kevin G. Smith* Date: 12/23/88 Time: 11:30

Company Name: West-Paine Laboratories, Inc.

Address: 7979 GSRI AVE., Baton Rouge, LA 70820

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 116590
CONFIDENTIAL