FILE NAME: Scotts (SCTS)

DATE: 1972 June 9

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DOCUMENT DESCRIPTION: Results of Fiber Sampling with Data

PLAINTIFF'S
EXHIBIT
SCO-1

W. R. GRACE & CO.
INDUSTRIAL CHEMICALS GROUP
62 WHITTEMORE AVE., CAMBRIDGE, MASS. 02140
PHONE 617-876-1400

June 9, 1972

Mr. Richard Gruenbaum
Project Leader
Environmental Engineering
O.M. Scott & Sons
Marysville, Ohio 43040

Dick:

Attached are the results of the fiber sampling done on 30 and 31 May. As you will note, all fiber counts, with one exception, were well below the present TLV of 5 fibers per ml and below or very close to the 1976 TLV of 2 fibers. The exception was the 6th level of the furnace area where the sample indicated 8.3 fibers per ml. Apparently, the heat rise and exhaust fans at this level tend to concentrate fibers as well as visible dust. I suggest evaluation of the problem by further sampling at the 5th level and lower levels. In the interim, if anyone is required to spend more than a very brief period of time at the 6th level, a respirator is suggested as a precautionary measure.

The 2.1 fibers at the discharge end of the #1 drier indicate that the drier room is an area where more extensive testing is advisable. I doubt if there is a problem but further data should be obtained.

I am sending separately, the clips and more sampling heads. Also, Frank Serafin, our Laboratory Director, is preparing instructions for constructing a simple apparatus to calibrate your air sampling pumps.

Our thanks again for your hospitality. If we can be of further assistance, please call.

H.A. Eschenbach

HAE:mh

Enclosures

cc: F.A. Eaton

COMPOSIT OF TEST DATA TO DATE - RECD 1/8/76 FROM DICK GRUENBAUM

O.M. SCOTT & SONS

MARYSVILLE, OHIO

MAY 30 & 31, 1972

Sample #	Operation or Location	Fibers Per Ml (Greater than 5 microns in length)	Remarks
SC 1	Turf Builder Bagging	.4	
SC 2	Kode Bagging	.4	Difficulties with bagging equipment contributed to dust levels.
SC 3	Furnace Area 1st Floor Stoners	2.1	#1,2,3,& 8 Operating
SC 4	Furnace Area 6th Level	8.3	" " "
SC 5	Furnace Area 4th Level	1.4	" " "
SC 6	Furnace Area 2nd Level	1.9	" " "
SC 7	Control Room	0.0	" " "
SC 8	Discharge End of Drier #1	2.1	