

TABLE 1

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
MICROSCOPIC SIZING DATA FOR GLASS FIBER DUST

Date 5/19/76 Sample No. Bulk brake dust
 Plant American Cleaning Equipment Objective Phaco 40X
 Process Corp. Eyepiece Periplan 10X
 Total Magnification 400X

SIZE DISTRIBUTION OF FIBERS*

Length Range, μ m	Mean Length,	No. of Fibers	Size Distribution by Count	
			% of Total	Cumulative %
0.8-1.1	0.95	-	-	-
1.1-1.6	1.35	-	-	-
1.6-2.2	1.90	-	-	-
2.2-3.1	2.65	-	-	-
3.1-4.4	3.75	-	-	-
4.4-6.2	5.3	4	4.1	4.1
6.2-8.6	7.5	14	14.3	18.4
8.8-12.5	10.6	27	27.6	46.0
12.5-17.7	15.1	11	11.2	57.2
17.7-25.0	21.3	17	17.3	74.5
25.0-35.2	30.1	17	17.3	91.8
35.2-50.0	42.6	4	4.1	95.9
>50.0	>50.0	4	4.1	100.0
		<u>98</u>		

Ratio, fibers:total particles = 121 : 625

Fibrous Content, Percent 19.4

* Any particle which has an aspect ratio of 3 or greater
is considered a fiber.

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