

FILE NAME: RT Vanderbilt (RTV)

DATE: 1975 Dec 23

DOC#: RTV091

DOCUMENT DESCRIPTION: US Dept of Labor Memo RE Fiber Count from
Gouverneur Talc Co.



United States Department of the Interior

MINING ENFORCEMENT AND SAFETY ADMINISTRATION

P.O. BOX 25367, DENVER FEDERAL CENTER
DENVER, COLORADO 80225

DENVER TECHNICAL SUPPORT CENTER
Industrial Health Group

December 23, 1975
File: HLS 3-1-6

Memorandum

To: Jim Salois, Mine Inspector, Albany Subdistrict,
Albany, New York

From: Chief, Industrial Health Group

Subject: Fiber Count

Two hundred and sixty-eight dust samples submitted from Gouverneur Talc Company, Balmat, New York, were counted for fiber using phase contrast illumination at a normal 400-450X magnification.

The concentrations calculated as a result of these counts are listed below.

<u>Sample</u> <u>Number</u>	<u>Fiber/ml</u> <u>> 5 microns</u>	<u>Sample</u> <u>Number</u>	<u>Fiber/ml</u> <u>> 5 microns</u>
CC 90	4.4	MA 209	0.2
PF 72	2.4	MA 222	0.4
PF 81	2.4	MA 257	0.2
CC 132	2.6	MA 261	3.3
PF 16	1.4	MA 213	0.9
PF 111	2.2	MA 264	0.7
CC 15	0.9	MA 271	1.8
CC 130	3.3	MA 272	5.9
CC 71	1.5	MS 155	3.0
PF 99	1.3	MS 171	2.3
CC 112	2.8	MS 105	2.2
CC 120	1.2	RR 294	0.8
PF 89	0.6	RR 306	1.1
PF 87	1.9	RR 291	0.6
CC 97	1.6	RR 252	0.4
PF 121	1.8	RR 256	0.6
KL 140	1.1	RR 159	0.6
KL 141	1.0	RR 254	0.8
KL 139	0.9	DJ 104	4.3
KL 142	1.6	DJ 92	THTC

<u>Sample Number</u>	<u>Fiber/ml > 5 microns</u>
KL 137	1.1
KL 279	1.7
KL 138	0.8
MA 238	0.8
MA 224	2.1
MS 189	THTC
JA 156	0.04
JW 18	1.3
JW 33	1.3
JA 167	1.7
JA 188	0.8 —
JA 118	0.09 —
DJ 102	0.7
JA 113	0.5
JA 69	1.3
DJ 117	0.2
DJ 114	2.9 —
RY 223	0
RY 210	0.2
JW 68	1.1
JW 58	1.2
JW 55	2.0
JW 39	1.0
JW 36	2.2
JW 24	2.5
JW 66	1.5
JW 29	1.3
EF 251	0.8
EF 83	1.4
EF 281	2.8
EF 278	0.9
MP 35	2.4
MP 31	2.9
MP 14	1.7
MP 25	3.2
MP 21	THTC
MP 9	THTC
MP 47	2.2
MP 56	3.0
MP 54	2.5
MP 67	0.8
MP 38	4.6
JH 65	0.9
JH 23	2.2
JH 37	0.5
JH 30	0.6
HC 109	0.7

<u>Sample Number</u>	<u>Fiber/ml > 5 microns</u>
DJ 170	3.7 —
DJ 190	1.5 —
YS 115	4.0
MS 70	THTC —
MS 168	5.0
EF 296	1.8
EF 290	1.3
EF 288	0.5
EF 308	0.6
RY 267	0.09
RY 270	1.5
RY 274	0.4
RY 260	0.6
RY 212	0
RY 226	0.1
RY 258	0.5
JH 1	0.8
JH 22	1.2
JH 57	1.1
JH 40	1.0
JH 53	0.6
GR 208	THTC
GR 216	THTC
GR 195	2.8 —
GR 193	3.1
GR 178	4.1 —
GR 184	35 —
GR 176	4.2 —
GR 185	25 —
EF 298	THTC
EF 286	0.6
RL 84	0.07
RL 134	0.8
RL 96	10.0
EC 131	0.9
RF 11	2.3
RF 10	2.3
RF 43	1.1
RF 60	2.0
RF 52	1.3
RF 61	0.6
RL 5	1.1
RL 74	2.0
RL 126	THTC
RL 77	1.2
RL 123	2.3
RL 124	2.0

<u>Sample Number</u>	<u>Fiber/ml > 5 microns</u>
HC 107	1.1
HC 83	0.8
RB 2	0.6
RB 73	0.7
RB 125	2.3
RB 79	1.5
RB 119	1.6
RB 100	0.7
RB 135	0.8
RB 86	3.2
CM 255	0.7
CM 293	0.9
CM 275	1.0
CM 285	2.2
RF 44	3.3
RF 25	2.0
RF 20	1.9
RF 33	1.5
DH 94	THTC
DH 207	5.0
DH 215	THTC
LP 203	5.0
LP 181	2.1
LP 175	THTC
LP 183	6.2
LP 173	8.2
LP 186	THTC
LP 206	1.5
LP 219	THTC
LP 218	THTC
LP 220	THTC
RJ 276	0.2
RJ 229	0.2
RB 76	0.4
RB 108	1.7
RB 78	0.9
RB 128	0.8
RT 4	1.7
RT 46	0.7
RT 19	0.9
RT 12	0.6
RT 32	1.8
WB 41	1.2
WB 64	0.6
WB 50	0.5

<u>Sample Number</u>	<u>Fiber/ml > 5 microns</u>
HC 75	0.3
HC 80	0.4
HC 127	0.6
RJ 230	0.2
RJ 152	0.2
RJ 143	0.4
RJ 149	0.5
CM 215	0.5
CM 292	0.9
CM 305	0.8
RB 98	0.6
LL 122	0.7
LL 129	0.7
LL 95	1.0
LL 82	0.8
LL 110	1.0
LL 6	0.6
DH 204	THTC
DH 194	THTC
DH 180	1.3
DH 191	THTC
DH 174	THTC
WB 13	1.3
WB 7	1.6
GS 187	2.6
GS 91	1.0
GS 172	0.2
GS 103	1.2
GS 101	1.8
GS 116	1.2
GS 169	1.7
RB 85	0.5
RB 133	0.3
LL 88	1.1
LL 136	1.3
RB 8	0.4
RT 45	0.8
RT 51	1.4
RT 62	1.0
RT 63	0.5
RT 28	1.6
TR 231	0.5
AT 154	0.5
AT 148	0.2
AT 151	0.4

<u>Sample Number</u>	<u>Fiber/ml > 5 microns</u>	<u>Sample Number</u>	<u>Fiber/ml > 5 microns</u>
WB 59	0.4	AT 157	0.3
WB 49	1.0	AT 146	0.2
WB 48	2.0	AT 232	0.1
WB 34	0.9	TR 144	0.2
WB 27	0.7	AT 147	0.2
WB 17	1.3	JR 289	0.1
WB 42	2.0	JR 254	1.0
JR 287	0.1	JR 297	0.5
JR 307	0.3	JR 282	0.7
GH 93	THTC	JR 277	0.3
GH 177	THTC	JR 253	0.8
GH 179	1.7	AT 214	1.1
GH 182	0.6	AT 259	0.9
GH 192	3.1	AT 273	1.4
GH 196	0.6	AT 269	4.0
GH 205	3.9	AT 263	2.0
GH 217	THTC	AT 262	2.9
AT 225	0.1	AT 221	1.0
AT 211	0.2	AT 237	1.0
TR 158	0.8	TR 228	0.9
TR 150	0.5	TR 153	0.8
TR 227	0.5	JA 106	0.7

THTC means dust particles present interfered with fiber counting.

Glen W. Sutton
Glen W. Sutton

cc: Subdistrict Manager, Albany
A. Z. Dimitroff
A. Goodwin
J. Waxvik
~~W. G. W. W. W. W.~~