

Clayton Environmental Consultants, Inc.

A Technical Service of Marsh & McLennan

July 7, 1981

Mr. Richard Kinser
Industrial Hygiene Engineer
CATERPILLAR TRACTOR COMPANY
Medical Department ABSL-C
100 N.E. Adams Street
Peoria, IL 61629

Job No. 12607-681-LA

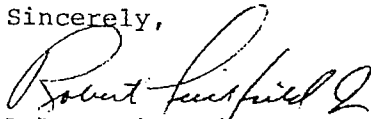
Dear Mr. Kinser:

The samples which you submitted to us on June 25, 1981, have been analyzed as requested; the results are compiled in the enclosed tables.

The airborne concentrations of fibers greater than five microns in length are based on field sampling data supplied by Caterpillar Tractor Company.

It is a pleasure to be of assistance to you. Please contact us if you have questions concerning any aspects of this report.

Sincerely,



Robert Lieckfield Jr.
Laboratory Supervisor

RL:bp

Enclosure

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

Results of Fiber Count Determinations Per NIOSH Method
 "Asbestos Fibers in Air"
 for
 Caterpillar Tractor Company
 Job No. 12607-681-LA

TABLE I

<u>Lab Number</u>	<u>Sample Description</u>	<u>Fibers Greater Than 5 Microns in Length</u>	
		<u>(fibers/filter)</u>	<u>(fiber/cc)</u>
204164	Blank	3,000	---
204165	# 6087, 353 liters	O V E R L O A D E D	
204166	# 6088, 434 liters	O V E R L O A D E D	
204167	# 6089, 388 liters	O V E R L O A D E D	
204168	# 6090, 430 liters	O V E R L O A D E D	
204169	# 6091, 240 liters	13,000	0.05

In the calculation of airborne concentrations, care should be used in the interpretation of results when using values of below 28,000 fibers/filter (corresponding to a count of 10 fibers/100 fields) as NIOSH states that the statistical variation of the asbestos method is greatly increased at low fiber counts.

TABLE II

<u>Lab Number</u>	<u>Sample Description</u>	<u>Asbestos</u>
204170	Bulk #6092	10-11% Chrysotile

No other asbestos forms detected.