



Luzenac America Technical Center • 8985 East Nichols Avenue • Englewood, CO 80112 • (303) 643-0451 • Fax: (303) 799-8926

TECHNICAL REPORT

To: **Marty Hayes**

From: **Julie W. Pier**
Analytical and Technical Support

Copy: **R. J. Buettner**
J. M. Godla
M. Lorang
R. J. Zazenski

Analytical Project No: **A01524**
Date: **24-Sep-01**

Subject: **TEM ASBESTOS ANALYSIS OF WEST WINDSOR FLOAT
FEED CONCENTRATE**

Request:

A sample of the March Float Feed Concentrate from West Windsor was submitted for asbestos analysis by transmission electron microscopy (TEM). Bain Environmental, Inc. initially analyzed this sample and reported finding a trace amount of chrysotile.

Results:

The following results were obtained using the ASTM D 5756-95 procedure for the detection of asbestos by transmission electron microscopy (TEM). No chrysotile was detected. However, a large talc ribbon (~30 x 0.3 μ m) was observed that could have been misidentified as a chrysotile fiber. Analysis of this "ribbon" by selected area electron diffraction (SAED) and energy dispersive X-ray spectroscopy (EDS) confirmed that it was talc.

	<i>Analytical Sample No.</i>	Number of Chrysotile Asbestos Structures:	Number of Amphibole Asbestos Structures:	Asbestos Concentration (ppm)
March Float Feed Concentrate from West Windsor	A01524-1	0	0	ND*

*ND = Not detected. This sample contains less than 0.6 ppm asbestos (the limit of detection for this analysis, defined by method ASTM D 5756-95, Section 17.9).



Johnson, Joan (LNA)

From: Hayes, Marty (LNA)
Sent: Tuesday, September 25, 2001 7:42 AM
To: Fimbres, Francisco (LNA); Mauney, Steve (LNA); Johnson, Joan (LNA)
Subject: FW: TEM asbestos analysis of West Windsor Float Feed Concentrate

FYI

Marty Hayes

-----Original Message-----

From: Pier, Julie (LNA)
Sent: Monday, September 24, 2001 5:04 PM
To: Hayes, Marty (LNA)
Cc: Buettner, Jack (LNA); Godla, Jon (LNA); Lorang, Mike (LNA); Zazenski, Rich (LNA)
Subject: TEM asbestos analysis of West Windsor Float Feed Concentrate



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