

REMOVAL ACTION ASBESTOS AIR SAMPLING REPORT

January 6 through January 22, 2025

ALLIED TEXTILE PRINTING SITE

Paterson, Passaic County, New Jersey

Site Code: A23F
CERCLIS Code: NJD002523801

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Prepared for:

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1.0 Introduction and Scope of Work

From January 6 through January 22, 2025, the U.S. Environmental Protection Agency, Region II (EPA) Superfund and Emergency Management Division (SEMD), with the support of Weston Solutions, Inc., Superfund Technical Assessment & Response Team VI (START VI), conducted air sampling concurrently with intrusive activities associated with the Removal Action at the Allied Textile Printing Site (the Site). A total of 26 asbestos air samples, including two lot blanks and five field blanks, were collected from locations identified on site by the EPA On-Scene Coordinator (OSC) to ensure site engineering controls for dust suppression were effective in protecting the health of site personnel and surrounding community from fugitive dust which may potentially contain Site contaminants.

2.0 Validated Analytical Results Summary

Air samples were analyzed via the National Institute for Occupational Safety and Health (NIOSH) Method 7400 phase contrast microscopy (PCM) and via NIOSH Method 7402 transmission electron microscopy (TEM). PCM analysis detects total fibers regardless of fiber type or composition. TEM analysis is asbestos-specific and identifies only asbestos fibers. All samples were analyzed using both methods, first via PCM and then via TEM, except field blank and lot blank samples, which were only analyzed for PCM analysis. All samples were compared to the Site-Specific Action Level (SSAL) of 0.01 fibers per cubic centimeter (f/cc).

Based on the validated PCM analytical results, total fibers were detected in sample P001-250122-ASL04-01 collected on January 22, 2025, at a concentration of 0.010 f/cc, exceeding the SSAL. Supplemental TEM analytical results for the same sample indicated no asbestos fibers were detected. No other fibers were detected.

In total, one of the 26 air samples submitted for laboratory analysis via PCM contained total fibers exceeding the SSAL. However, no asbestos fibers were detected in any sample when analyzed via the asbestos-specific TEM analytical method.

Refer to Attachment A, Table 1: Validated Air Analytical Results - Asbestos.

Report prepared by: _____


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START V Site Project Manager

3/20/2025
Date

Report reviewed by: _____


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3/20/2025
Date

Attachment A

Table 1: Validated Air Analytical Results - Asbestos

Table 1: Validated Air Analytical Results - Asbestos
Allied Textile Printing Site
Paterson, Passaic County, New Jersey
January 6 through 22, 2025

START VI Sample Number	Site-Specific Action Level	P001-250106-ASL01-01	P001-250106-ASL02-01	P001-250106-ASL03-01	P001-250106-ASL04-01	FB01-250106-01	LB01-250106-01	P001-250107-ASL01-01	P001-250107-ASL02-01	P001-250107-ASL03-01	P001-250107-ASL04-01
Sampling Date		1/6/2025	1/6/2025	1/6/2025	1/6/2025	1/6/2025	1/6/2025	1/7/2025	1/7/2025	1/7/2025	1/7/2025
Sample Location		ASL01	ASL02	ASL03	ASL04	NA	NA	ASL01	ASL02	ASL03	ASL04
Sample Matrix		Air	Air	Air	Air	Air	Air	Air	Air	Air	Air
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Blank	Lot Blank	Field Sample	Field Sample	Field Sample	Field Sample
Units	f/cc	f/cc	f/cc	f/cc	f/cc	f/mm ²	f/mm ²	f/cc	f/cc	f/cc	f/cc
Asbestos											
PCM ¹	0.01	<0.006	<0.004	<0.005	<0.006	<7.0	<7.0	<0.004	<0.004	<0.004	<0.004
TEM ²	0.01	<0.006	<0.004	<0.005	<0.006	NA	NA	<0.004	<0.004	<0.004	<0.004

START VI Sample Number	Site-Specific Action Level	FB01-250107-01	P001-250108-ASL01-01	P001-250108-ASL02-01	P001-250108-ASL03-01	P001-250108-ASL04-01	FB01-250108-01	P001-250109-ASL01-01	P001-250109-ASL02-01	P001-250109-ASL03-01	P001-250109-ASL04-01
Sampling Date		1/7/2025	1/8/2025	1/8/2025	1/8/2025	1/8/2025	1/8/2025	1/9/2025	1/9/2025	1/9/2025	1/9/2025
Sample Location		NA	ASL01	ASL02	ASL03	ASL04	NA	ASL01	ASL02	ASL03	ASL04
Sample Matrix		Air	Air	Air	Air	Air	Air	Air	Air	Air	Air
Sample Type		Field Blank	Field Sample	Field Sample	Field Sample	Field Sample	Field Blank	Field Sample	Field Sample	Field Sample	Field Sample
Units	f/cc	f/mm ²	f/cc	f/cc	f/cc	f/cc	f/mm ²	f/cc	f/cc	f/cc	f/cc
Asbestos											
PCM ¹	0.01	<7.0	<0.003	<0.003	<0.004	<0.004	<7.0	<0.006	<0.007	<0.008	<0.008
TEM ²	0.01	NA	<0.003	<0.003	<0.004	<0.004	NA	<0.006	<0.007	<0.008	<0.008

START VI Sample Number	Site-Specific Action Level	FB01-250109-01	P001-250122-ASL02-01	P001-250122-ASL03-01	P001-250122-ASL04-01	FB01-250122-01	LB01-250122-01
Sampling Date		1/9/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025	1/22/2025
Sample Location		NA	ASL02	ASL03	ASL04	NA	NA
Sample Matrix		Air	Air	Air	Air	Air	Air
Sample Type		Field Blank	Field Sample	Field Sample	Field Sample	Field Blank	Lot Blank
Units	f/cc	f/mm ²	f/cc	f/cc	f/cc	f/mm ²	f/mm ²
Asbestos							
PCM ¹	0.01	<7.0	<0.008	<0.009	0.010	<7.0	<7.0
TEM ²	0.01	NA	<0.009	<0.009	<0.009	NA	NA

Notes

START VI: Superfund Technical Assessment & Response Team VI

f/cc: Fibers per cubic centimeter; f/mm²: Fibers per square millimeter

¹Samples analyzed via National Institute for Occupational Safety and Health (NIOSH) Method 7400 phase contrast microscopy (PCM)

²Samples analyzed via NIOSH Method 7402 transmission electron microscopy (TEM)

NA: Not applicable; <: Less than

Bold result values are detections

Result values highlighted yellow equal or exceed the Site-Specific Action Level