



# Airborne Asbestos Analysis

By Transmission Electron Microscopy  
 AHERA Methodology (40 CFR, Part 763, Subpart E, Appendix A)



**Client:** Scientific Analytical Institute, LLC  
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**Attn:** Nathan Durham

**Lab Order ID:** 400198

**Date Received:** 2/16/2004

**Date Reported:** 2/16/2004

**Project:** SAI Demonstration Report

Sample ID	Description	Volume	Analytical Sensitivity Str/cc	Asbestos Structures	Raw Structure Count	Concentration Str/cc	Loading Str/mm <sup>2</sup>
Lab Sample ID	Lab Notes	Filter Area Area Analyzed					
1	North Corner of Abatement Area	1500 L	0.00407	<b>Total Asbestos:</b> Chrysotile >0.5 to <5.0um ≥5.0um	15 13 2	0.0611 0.0530 0.00815	<b>238.</b> 238. 206. 31.8
		385 mm <sup>2</sup>					
		0.0630 mm <sup>2</sup>					
400198A1							
2	West Corner of Abatement Area	1500 L	0.00407	None Detected		<0.00407	<15.9
		385 mm <sup>2</sup>					
		0.0630 mm <sup>2</sup>					
400198A2							
3	Center of Containment Room	1500 L	0.00407	<b>Total Asbestos:</b> Chrysotile Amosite >0.5 to <5.0um >5.0um	32 22 10 25 7	0.130 0.0896 0.0407 0.102 0.0285	<b>508.</b> 349. 159. 397. 111.
		385 mm <sup>2</sup>					
		0.0630 mm <sup>2</sup>					
400198A3							
4	East Containment Room Entrance	1500 L	0.00407	None Detected		<0.00407	<15.9
		385 mm <sup>2</sup>					
		0.0630 mm <sup>2</sup>					
400198A4							
5	Bagging Area	1500 L	0.00407	<b>Total Asbestos:</b> Crocidolite Tremolite Chrysotile >0.5 to <5.0um ≥5.0um	19 16 1 2 6 13	0.0774 0.0652 0.00407 0.00815 0.0244 0.0530	<b>302.</b> 254. 15.9 31.8 95.2 206.
		385 mm <sup>2</sup>					
		0.0630 mm <sup>2</sup>					
400198A5							

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Nathan Durham (5)

Analyst

Approved Signatory