



Reliance Environmental, LLC

Asbestos, Lead, Mold, Phase 1, 2 & 3 Site Assessments & Remediation, LEP Verifications
PE Certifications, Industrial Hygiene, OSHA Safety, Indoor Air, Safety Training &
Environmental Engineering - Over 20 years experience

JOB #202015

"TEM" POST ABATEMENT CLEARANCE TESTING

LOCATION: ENTIRE HOUSE

ADDRESS: 40 TOWNSEND ROAD • ANDOVER • CT

The work area at the above referenced facility met post abatement re-occupancy (clearance) criteria in conformance with Regulations of Connecticut State Agencies, Section 19a-332a-12(g). Mr. Hemant B. Dharani, a CT licensed project monitor (CT License #000704) conducted the testing on 04/07/20 subsequent to successful visual inspection with licensed on-site supervisor. A State of Connecticut Department of Public Health, American Industrial Hygiene Association (AIHA) and National Institute of Standard and Technology (NIST) approved laboratory analyzed all the samples using Transmission Electron Microscopy (TEM) protocol. Analysis revealed that the average of all of five samples collected inside the containment was below the TEM clearance threshold of 70 Structures/Millimeter squared. The scope of work was to remove approximately 2,000 square feet of wall plaster & ceiling plaster from first floor & second floor (selected area) and 462 square feet of floor coverings/tiles with mastic from first floor (selected area) under full containment.

Please refer to attached chain of custody and lab analytical results for details and do not hesitate to contact me at (203) 623-3086 should you require any clarification or need any additional information.

Reliance Environmental, LLC

Vidya N. Trivedi

Vidya N. Trivedi, MS (Env Eng), PE, CHMM

CT licensed Asbestos Project Designer • Project Monitor • Inspector • Management Planner
CT licensed Lead Consultant Contractor • Inspector • Risk Assessor • Planner & Project Designer • RRP Certified
AIHA & CT Dept of Health approved Lab Director • Fiber Analyst for PCM samples/Clearances
American Industrial Hygiene Association (AIHA) Asbestos Analyst Registry (AAR) #4386



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

242002233

ALBERCA JOB# 202015

EMSL ANALYTICAL, INC.
4 FAIRFIELD BLVD.
WALLINGFORD, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

Company : RELIANCE ENVIORNMENTAL, LLC		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 11 OLD FARM ROAD		Third Party Billing requires written authorization from third party	
City: WOODBRIDGE	State/Province: CT	Zip/Postal Code: 06525	Country: USA
Report To (Name): VIDYA N TRIVEDI, MS, PE, CHMM		Telephone #: 203 623 3086	
Email Address: vidyatrivedi2002@yahoo.com		Fax #:	Purchase Order:
Project Name/Number: 40 TOWNSEND ROAD		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: ANDOVER, CT.		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input checked="" type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: VT		Samplers Signature: 04-07-20	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
#3	2 TOTAL 2000 SF WALL PLASTER	1205.4	147/350
#4	1/2 CEILING PLASTER REMOVED FROM	1205.4	149/352
#5	1st FLOOR 1/2 2nd FLOOR SELECTED	1215.2	152/356
#6	AREA, 2 TOTAL 462 SF FLOOR	1215.2	154/358
#7	COVERING/TILES 1/2 MASTIC REMOVED FROM 1st FLOOR SELECTED AREA	1205.4	156/359
		<div style="border: 2px solid black; padding: 5px; display: inline-block;"> RECEIVED APR 07 2020 By MD 3:30 PM DB </div>	
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client): HD		Date: DB Time:	
Received (Lab):		Date: Time:	
Comments/Special Instructions: PLM-STOP POSITIVE. ANALYZE MASTIC FIRST. FOR PLASTER, ANALYZE BASE COAT FIRST. STOP IF POSITIVE. COLLECTED ON 04-07-20			



EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492

Tel/Fax: (203) 284-5948 / (203) 284-5978

<http://www.EMSL.com> / wallingfordlab@emsl.com

EMSL Order: 242002233

Customer ID: RELE62

Customer PO:

Project ID:

Attention: Vidya Trivedi
Reliance Environmental, LLC
11 Old Farm Road
Woodbridge, CT 06525

Phone: (203) 553-9070

Fax: (203) 553-9069

Received Date: 04/07/2020 17:30 PM

Analysis Date: 04/08/2020

Collected Date: 04/07/2020

Project: 40 TOWNSEND ROAD ANDOVER, CT.

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Type(s)	#Structures ≥0.5μ < 5μ	≥5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)
#3	Total 200sf wall plaster & ceiling plaster removed from 1st floor & 2nd floor selected area, total 462sf floor covering/tiles & mastic removed from 1st floor selected area	1205.40	0.0645	0	None Detected	0	0	0.0050	<16.00	<0.0050
242002233-0001										
#4	Total 200sf wall plaster & ceiling plaster removed from 1st floor & 2nd floor selected area, total 462sf floor covering/tiles & mastic removed from 1st floor selected area	1205.40	0.0645	0	None Detected	0	0	0.0050	<16.00	<0.0050
242002233-0002										
#5	Total 200sf wall plaster & ceiling plaster removed from 1st floor & 2nd floor selected area, total 462sf floor covering/tiles & mastic removed from 1st floor selected area	1215.20	0.0645	0	None Detected	0	0	0.0049	<16.00	<0.0049
242002233-0003										
#6	Total 200sf wall plaster & ceiling plaster removed from 1st floor & 2nd floor selected area, total 462sf floor covering/tiles & mastic removed from 1st floor selected area	1215.20	0.0645	0	None Detected	0	0	0.0049	<16.00	<0.0049
242002233-0004										
#7	Total 200sf wall plaster & ceiling plaster removed from 1st floor & 2nd floor selected area, total 462sf floor covering/tiles & mastic removed from 1st floor selected area	1205.40	0.0645	0	None Detected	0	0	0.0050	<16.00	<0.0050
242002233-0005										

Analyst(s)

Angela Catalano (5)

Danny Sandhu, Asbestos Laboratory Manager
or other approved signatory



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Received Date: 04/07/2020 17:30 PM

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Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5μ	≥5μ		(S/mm ²)	(S/cc)

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in both structures/cm³ and structures/mm² are dependent on the volume of air sampled and measured by non-laboratory personnel are not the responsibility of EMSL and are not covered by the laboratory's NVLAP accreditation. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0, NYS ELAP 12063, CT PH-0322, MA AA000191, RI AAL-108T3, VT AL357101

Initial report from: 04/08/2020 14:05 PM